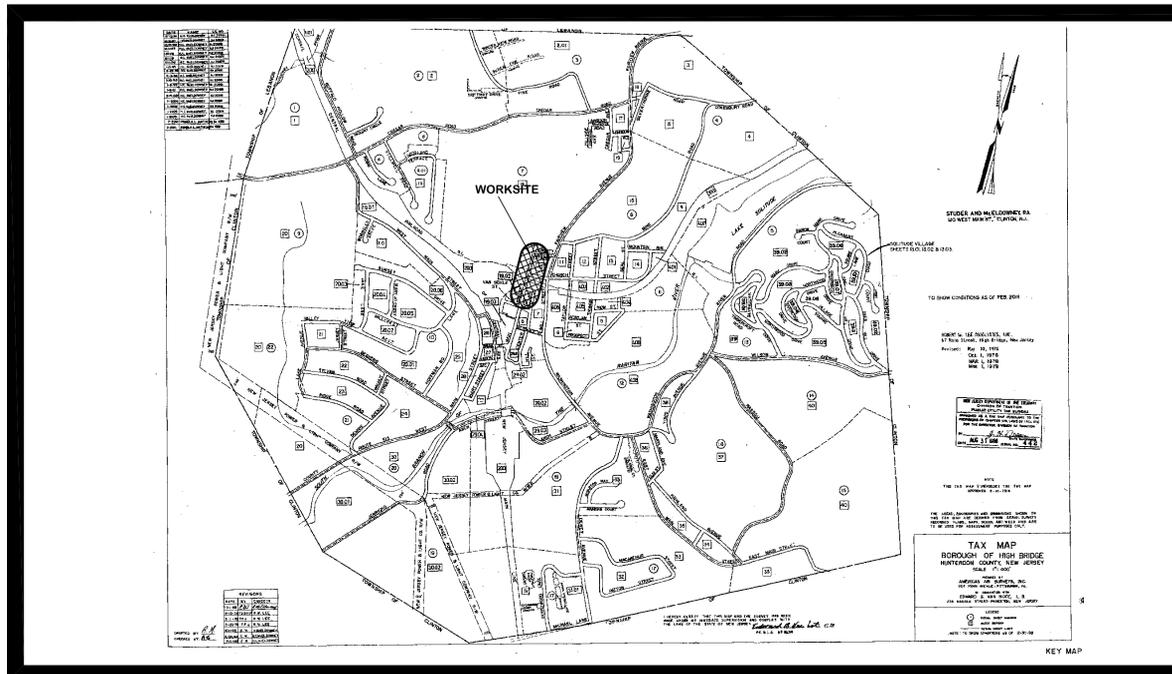


HIGH BRIDGE - STREETScape PHASE 2

MAIN STREET - From PHASE 1 to CHURCH STREET

BOROUGH OF HIGH BRIDGE, HUNTERDON COUNTY, NEW JERSEY



NEW JERSEY DEPARTMENT OF TRANSPORTATION
TEA-21 TRANSPORTATION ENHANCEMENT PROGRAM
NOVEMBER 7, 2018

FEDERAL PROJECT # TAP-0513(335)
STATE JOB NUMBER - 6414305

UTILITIES

ELECTRIC JCP&L Charley Benner Dover, NJ 07869 Engineering Department (800) 662-3115	SANITARY/STORM SEWER Borough of High Bridge 97 West Main Street High Bridge, NJ 08829 908) 638-6588
WATER Borough of High Bridge 97 West Main Street High Bridge, NJ 08829 (908) 638-6588	TELEPHONE Embarq 5454 W. 110 th Street Overland Park, KS 66211 (866) 404-4837
GAS Elizabethtown Gas John Johnson AGL Resources Inc. P.O. Box 4569 Atlanta, GA 30302-4569 (800) 522-4560	CABLE Comcast (908) 689-3355
BOROUGH ENGINEER Maser Consulting 53 Frontage Road Suite 110, Hampton NJ 08827 William Burr IV, P.E. (908) 238-0400	BOROUGH POLICE DEPT. High Bridge Police Department 99 West Main Street High Bridge, NJ 08829 Chief: Brett Bartman (908) 638-6500
NJDOT (TRAFFIC) NJDOT 100 Daniels Way Freehold, NJ 07728 Robert Workmeister	

DRAWING INDEX

- 1 COVER SHEET
- 2 ESTIMATE OF QUANTITIES
- 3 DEMOLITION PLAN
- 4 CONSTRUCTION PLAN
- 5 LIGHTING PLAN
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- 8 CONSTRUCTION DETAILS
- 9 CONSTRUCTION DETAILS
- 10 TRAFFIC CONTROL PLAN
- 11 TRAFFIC CONTROL DETAILS

THE 2007 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION,
OF THE NEW JERSEY DEPARTMENT OF TRANSPORTATION AS AMENDED HEREIN WILL
GOVERN THE CONSTRUCTION OF THIS PROJECT AND THE EXECUTION OF THE CONTRACT.

ENGINEER: ROBERT B. ZEDERBAUM, P.E.
RBZ ENTERPRISES, INC.
P.O. BOX 5074
CLINTON, NJ 08809
PHONE: (908) 713-6650



ALL CONSTRUCTION SHALL ADHERE TO NJDOT
SPECIFICATIONS. ON-SITE BURIAL OF TREES AND
BUILDING MATERIALS IS PROHIBITED.

RBZ Enterprises, Inc.

NOTES

GENERAL NOTES

1. THE 2007 U.S. CUSTOMARY ENGLISH STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, OF THE NEW JERSEY DEPARTMENT OF TRANSPORTATION AS AMENDED HEREIN, AND IN THE SUPPLEMENTAL SPECIFICATIONS SHALL GOVERN THE CONSTRUCTION OF THIS PROJECT.
2. THE CONTRACTOR SHALL COMPLY WITH ALL LAWS, ORDINANCES, RULES, ORDERS AND REGULATIONS RELATING TO THE PERFORMANCE OF THE WORK THE PROTECTION OF ADJACENT PROPERTY AND THE MAINTENANCE OF PASSAGEWAYS.
3. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL HAVE ALL UNDERGROUND UTILITIES LOCATED AND PHYSICALLY MARKED OUT WITHIN THE LIMITS OF THE PROJECT (CALL 1-800-272-1000).
4. NO CONSTRUCTION, MAINTENANCE OR UTILITY WORK ON, UNDER OR ABOVE MAIN STREET WHICH WILL OBSTRUCT, INTERFERE WITH AND/OR DETOUR TRAFFIC FROM THE ROAD, SHALL BE PERFORMED BEFORE 7:00 AM OR AFTER 5:00 PM MONDAY THRU FRIDAY.
5. THE PUBLIC WORKS DEPARTMENT OF BOROUGH OF HIGH BRIDGE MUST BE GIVEN 1) ONE WEEK NOTICE BEFORE THE START OF THE WORK. THIS IS NECESSARY TO ALLOW PUBLIC WORKS TO REMOVE ANY SIGNS TO BE SALVAGED.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF ALL EXCESS MATERIALS EXCAVATED OF WHATEVER NATURE AT HIS OWN EXPENSE. THE BOROUGH IS NOT OBLIGATED TO SUPPLY A DISPOSAL SITE. THE CONTRACTOR MUST NOT DEPOSIT THE EXCESS MATERIALS IN THE BOROUGH LIMITS WITHOUT EXPRESS PERMISSION OF THE BOROUGH ENGINEER
7. THE CONTRACTOR SHALL MAINTAIN ACCESS FOR EMERGENCY VEHICLES AND ROUTINE SERVICES (MAIL, SOLID WASTE PICK-UP, ETC.) AND TO ALL DRIVEWAYS THROUGHOUT THE DURATION OF THE PROJECT. NO SEPARATE PAYMENT WILL BE MADE FOR MAINTAINING ACCESS TO PROPERTIES. THE COST THEREOF WILL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
8. EXISTING PRIVATELY INSTALLED ITEMS (i.e. FENCES, LANDSCAPING) WHICH NEED TO BE REMOVED TO PERFORM THE WORK SPECIFIED SHALL BE CAREFULLY REMOVED AND RE-INSTALLED AT A LOCATION ACCEPTABLE TO THE OWNER AND THE ENGINEER. ANY ITEMS DAMAGED IN THIS PROCESS SHALL BE REPLACED IN KIND TO THE SATISFACTION OF THE OWNER AT NO EXTRA COST.
9. THE CONTRACTOR IS RESPONSIBLE TO OBEY ALL SAFETY AND HEALTH REGULATIONS. BOROUGH OF HIGH BRIDGE ASSUMES NO RESPONSIBILITY FOR THE SAFETY OF THE WORK PERFORMED.
10. THIS CONTRACT SHALL INCLUDE DAVIS BACON WAGE RATES.

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH THE BOROUGH OF HIGH BRIDGE POLICE DEPARTMENT FOR TRAFFIC OPERATIONS AND PARKING PROHIBITIONS DURING CONSTRUCTION. PLEASE COORDINATE TRAFFIC OPERATIONS WITH BOROUGH POLICE.
2. THE LOCATIONS OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES AT LEAST TWO (2) WEEKS PRIOR TO CONSTRUCTION FOR PHYSICAL MARK-OUTS OF UTILITIES.
3. ALL INFORMATION SHOWN OR NOTED FOR EXISTING FACILITIES, GRADES, ROADWAYS AND MATERIALS IS APPROXIMATE AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL INFORMATION WHICH MAY AFFECT THIS WORK LOCATION AND DEPTH OF EXISTING UTILITIES ARE ONLY INDICATED TO BRING ATTENTION TO POSSIBLE CONFLICT.
4. ANY DAMAGE TO UTILITIES SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR, AND ALL COSTS FOR REPAIRS SHALL BE BORNE BY THE CONTRACTOR.
5. ALL DISTURBED SHRUBS, FENCING, SIGNS, MAIL BOXES, DRIVES, ETC., SHALL BE RESTORED TO THEIR ORIGINAL CONDITION, AND TO THE SATISFACTION OF THE OWNER NO SEPARATE PAYMENT SHALL BE MADE FOR THIS RESTORATION UNLESS SPECIFIED ELSEWHERE.
6. ALL PROPERTY CORNERS OR MONUMENTS REMOVED OR DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY A NEW JERSEY LICENSED LAND SURVEYOR, AT NO ADDITIONAL SEPARATE COST TO THE OWNER.
7. ALL EXISTING UTILITY CASTINGS, COVERS AND GRATES TO BE REPLACED ARE THE PROPERTY OF THE BOROUGH OF HIGH BRIDGE AND WILL BE DELIVERED TO THE DEPARTMENT OF PUBLIC WORKS. PAYMENT WILL NOT BE MADE FOR THE NEW UTILITY CASTINGS, COVERS OR GRATES UNLESS THE OLD ONES ARE RETURNED.
8. ALL MILLED MATERIALS ARE TO BE DISPOSED OF IN ACCORDANCE WITH APPROVED NJDOT/NJDEP METHODS AND MEANS, OR TRANSPORTED AT THE DIRECTION OF THE ENGINEER.
9. PRIVATE UTILITY COMPANIES MUST BE CONTACTED BY THE CONTRACTOR SO THAT PRIVATELY OWNED CASTINGS MAY BE RESET BY OWNER.
10. UNSUITABLE SUBBASE MATERIAL WHICH HAS BEEN UNCOVERED DURING CONSTRUCTION SHALL BE REMOVED AND REPLACED AT THE DIRECTION OF THE ENGINEER. ROADWAY EXCAVATION, UNCLASSIFIED SHALL BE PERFORMED TO REMOVE UNSUITABLE SUBBASE MATERIAL. SUBBASE MATERIAL SHALL BE REPLACED WITH DENSE- GRADED AGGREGATE BASE COURSE. ROADWAY EXCAVATION, UNCLASSIFIED, AND DENSE- GRADED AGGREGATE BASE COURSE WHICH HAS BEEN INCLUDED ON AN "IF AND WHERE DIRECTED" BASIS WILL BE PAID FOR AT THE UNIT PRICE BID FOR THOSE ITEMS.
11. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ACCESS RAMPS AT ALL CURB OPENINGS FOR THE DURATION OF THE PROJECT THE CONTRACTOR SHALL ALSO PROVIDE AND MAINTAIN RAMPS AROUND ALL EXPOSED CASTINGS, BOTH PUBLIC AND PRIVATE, WHICH HAVE BEEN UNCOVERED OR RESET DURING CONSTRUCTION.
12. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO MAINTAIN DUST CONTROL AS REQUIRED OR DIRECTED BY THE ENGINEER.
13. ALL PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO THE STANDARDS OF THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES."
14. THE CONTRACTOR SHALL RESET ALL ROADWAY SIGNS WHICH ARE TO REMAIN WITHIN THE LIMITS OF WORK THAT HAVE BEEN DISTURBED DUE TO CONSTRUCTION. SEPARATE PAYMENT WILL NOT BE MADE FOR RESETTING SIGNS. THE COST FOR RESETTING SIGNS WILL BE INCLUDED IN THE VARIOUS ITEMS OF THE PROPOSAL.
15. CONTRACTOR SHALL NOTIFY ENGINEER WHEN TRAFFIC STRIPES AND TRAFFIC PAINT HAVE BEEN LAID OUT PRIOR TO PAINTING AT ENTRANCE TO COMMONS PARK. THE ENGINEER WILL INSPECT AND APPROVE LAYOUT PRIOR TO CONTRACTOR PAINTING TRAFFIC STRIPES AND TRAFFIC PAINT.
16. THE CONTRACTOR SHALL PERFORM ONLY THE AMOUNT OF WORK WHICH CAN BE COMPLETED THE SAME DAY. THE ENTIRE ROADWAY SHALL BE OPENED TO TRAFFIC AFTER WORK HOURS. TEMPORARY PAVEMENT SHALL BE PLACED IN CONSTRUCTION AREAS TO PROVIDE A SMOOTH, SAFE SURFACE FOR VEHICULAR TRAFFIC. THE COST FOR TEMPORARY PAVEMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR VARIOUS ROADWAY RECONSTRUCTION ITEMS. STEEL PLATES MAY BE USED, AT THE APPROVAL OF THE ENGINEER. NO SEPARATE PAYMENT SHALL BE MADE FOR STEEL PLATES.
17. THE CLEARING SITE ITEM SHALL INCLUDE THE REMOVAL OF EXISTING TREES, SHRUBS, CURBING, SIDEWALKS, DRIVEWAYS, WALLS, PIPES, INLETS, RESIDENTIAL WALKWAYS AND OTHER FEATURES WHICH NEED TO BE REMOVED IN ORDER TO PERFORM THE WORK SPECIFIED HEREIN.
18. SEPARATE PAYMENT WILL NOT BE MADE FOR REMOVAL OF TREES OR STUMPS DAMAGED DURING CONSTRUCTION. THE CONTRACTOR SHALL REPLACE ALL DAMAGED TREES WITH A SIZE AND TYPE ACCEPTABLE TO THE BOROUGH AT NO EXTRA COST.
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAPERING PROPOSED PAVEMENT AND CURB TO MEET EXISTING CONDITIONS.
20. INLET & MANHOLE GRATES AND CASTINGS ARE TO BE SET TO THE EXISTING ELEVATIONS AS SHOWN ON THE PLANS.

1. INLET FILTERS	4	UNIT
2. SILT FENCE	150	LF
3. BREAKAWAY BARRICADES	10	UNIT
4. DRUMS	20	UNIT
5. TRAFFIC CONES	20	UNIT
6. FLAGGER	160	HOURL
7. POLICE, TRAFFIC DIRECTORS	160	HOURL
8. CONSTRUCTION SIGNS	126	SF
10. CLEARING SITE	1	LS
9. STRIPPING	1	ACRE
11. EXCAVATION	15	CY
11. SUBASE	25	CY
13. AGGREGATE BASE COURSE - 6"	460	SY
14. HMA MILLING 3"-6"	100	SY
15. HMA 19M64 BASE COURSE	231	TONS
16. HMA 9.5M64 SURFACE COURSE	12	TONS
17. CONCRETE SIDEWALK, 4" THICK	808	SY
18. DRIVEWAY, 6" THICK	67	SY
19. DETECTABLE WARNING SURFACE	12	SY
20. GRANITE CURB	1022	LF
21. CONCRETE VERTICAL CURB (at flush curb ramps)	200	LF
22. 4" PVC PIPES	30	LF
23. RESET WATER VALVE BOXES	20	UNIT
24. 2" RIGID NON-METALLIC CONDUIT	960	LF
25. JUNCTION BOX WITH FRAME AND COVER	2	UNIT
26. CONCRETE FOUNDATION FOR POLE MOUNTED FIXTURE	8	UNIT
27. METER CABINET	1	UNIT
28. DECORATIVE LIGHT FIXTURE	8	UNIT
29. TOPSOILING, 4" THICK	100	SY
30. FERTILIZING & SEEDING, TYPE A3	100	SY
31. STRAW MULCHING	100	SY
32. TRASH RECEPTACLES	6	UNIT
33. TRAFFIC STRIPING, THERMOPLASTIC	630	LF
34. INLET, TYPE "A"	1	UNIT
35. 12" RCP CLASS IV	32	LF

SITE SPECIFIC NOTES

1. ACCESS TO ALL RESIDENCES AND BUSINESS SHALL BE MAINTAINED DURING CONSTRUCTION.
2. RETRO FIT EXISTING CASTINGS WITH CAMPBELL N-ECO CURB PIECE OR APPROVED EQUAL. ALL INLET CASTINGS SHALL HAVE BICYCLE SAFE GRATES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING RESIDENTS AND HOMEOWNERS 72 HOURS NOTICE PRIOR TO VARIOUS CONSTRUCTION ACTIVITIES AS DIRECTED BY THE ENGINEER.

REV	DESCRIPTION
9/13/16	PER NJDOT 7/6/16 LETTER
1/10/17	PER NJDOT 12/8/16 LETTER
1/24/17	PER HIGHBRIDGE ENGINEER EMAIL
2/20/17	REV. PER BOROUGH ENGINEER REVIEW
11/7/18	PER NJDOT 8/8/18 LETTER

LEGEND

- | | |
|----------------------------|------------------------------|
| — CURB | — GRANITE CURB |
| ⊖ DEPRESSED CURB | ⊖ DEPRESSED CURB |
| ⊙ SANITARY MANHOLE | ⊖ RETROFIT INLET |
| ⊙ TELEPHONE MANHOLE | ⊖ RESET WATER VALVE |
| ⊙ ELECTRIC MANHOLE | ⊖ RESET GAS VALVE |
| ⊖ INLET | ⊖ LIGHT FIXTURE |
| ⊖ HYDRANT | ⊖ REMOUNT SIGN |
| ⊖ WATER VALVE | ⊖ TRASH RECEPTACLES |
| ⊖ GAS VALVE | |
| ⊖ LIGHT FIXTURE | ▨ SCORED CONCRETE DRIVEWAY |
| ⊖ SIGN | ▨ SCORED CONCRETE SIDEWALK |
| ⊖ DECIDUOUS TREE W/CALIPER | ⊖ DETECTABLE WARNING SURFACE |
| ⊖ EXISTING PLANTERS | |
| ⊖ UTILITY POLE | |



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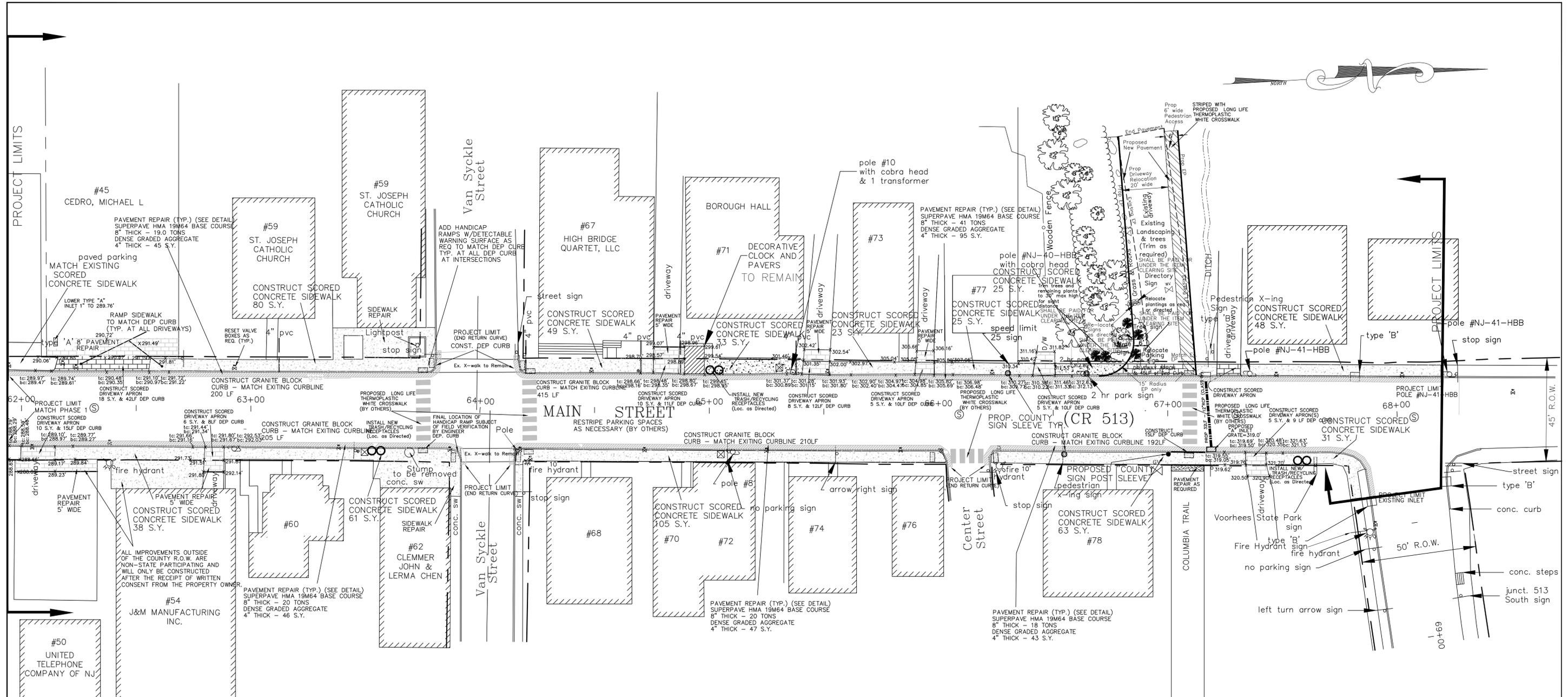
P.O. Box 5074 • Clinton, NJ 08809
Tel: 908-713-6650 • Fax: 908-713-6670

ESTIMATE OF QUANTITIES
FOR

HIGHBRIDGE STREETSCAPE - PHASE 2
MAIN STREET - END PHASE 1 TO CHURCH ST.
BOROUGH OF HIGH BRIDGE, HUNTERDON COUNTY, NEW JERSEY

ENGINEER RBZ
SURVEYOR NL
FILE No. SPEC
DBASE NAME Streetscape-ESTIMATE
FILE LOCATION COMP B
FIELD CREW JMD,MZZ SCALE AS SHOWN

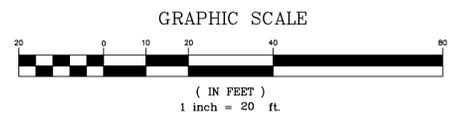
3/7/16
DATE ROBERT B. ZEDERBAUM PROFESSIONAL ENGINEER, NJ Lic. No. 24710
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MAP LEGEND

—	R.O.W. LINE
⊕	SIGN
⊙	POLE
⊠	PLANTER
⊙	SANITARY MANHOLE
63+00 STATION	
□	INLET
⊕	WATER VALVE
⊙	LIGHT
■	PROP NEW CURB
▨	PROP NEW SIDEWALK
⊙	PROP TRASH AND RECYCLING RECEPTACLE
⊠	PROP DRIVEWAY RECONSTRUCTION

PAVEMENT MARKINGS AND SIGN LOCATIONS AS WELL AS DETAILS ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT IN THIS CONTRACT. ALL PAVEMENT MARKINGS, INCLUDING CROSSWALKS AND SIGNAGE SHALL BE INSTALLED OR OTHERWISE CREATED BY THE COUNTY OF HUNTERDON. EXACT LOCATION AND NUMBERS OF REQUIRED SIGNS, AS WELL AS ADDITIONAL PAVEMENT MARKINGS WHICH MAY NOT BE INDICATED ON THESE PLANS SHALL BE AT THE DISCRETION OF THE COUNTY OF HUNTERDON



- GENERAL NOTES:**
- FIELD SURVEY PROVIDED BY THE BOROUGH OF HIGH BRIDGE WITH REFERENCES TO STEETScape PHASE 1 - PLAN PREPARED BY HATCH MOTT MACDONALD DATED SEPT. 2008. LIMITED FIELD UPDATES PROVIDED BY RBZ ENTERPRISES IN APRIL, 2015 AND INTERSECTIONS SURVEYED IN NOVEMBER, 2016.
 - CONTRACTOR SHALL MATCH ALL DRIVEWAY DROP CURBS TO EXISTING GRADE.
 - SIDEWALKS AND DRIVEWAYS SHALL BE CONSTRUCTED WITH A COLOR AND SCORED PATTERN IN THE CONCRETE, MATCH PHASE 1 AS-BUILT CONDITIONS AND REFER TO CONSTRUCTION DETAIL
 - RETRO FIT ALL INLETS WITH N-ECO CURB PIECE OR APPROVED EQUAL ALL INLET CASTINGS SHALL HAVE BICYCLE SAFE GRATES
 - FOR LIGHTING PLAN REFER TO SHEET 5
 - FINAL LOCATION AND DIMENSIONS OF DRIVEWAY APRONS SHALL BE APPROVED BY ENGINEER PRIOR TO CONSTRUCTION.
 - LOCATION OF TRASH RECEPTACLES SHALL BE AS DIRECTED BY THE BOROUGH ENGINEER
 - CROSSWALKS AND DECORATIVE SIGNS SHALL BE INSTALLED "BY OTHERS" AND AREA NOT A PART OF THIS CONTRACT
 - LANDSCAPING FOR PARK DRIVEWAY WIDENING SHALL BE PERFORMED "BY OTHERS" AND SHALL NOT BE A PART OF THIS CONTRACT.
 - CONCRETE VERTICAL CURB SHALL BE INSTALLED AT ALL ACCESSIBLE CURB RAMPS. THIS CURB SHALL EXTEND THROUGH THE FLARES OF EACH RAMP AND SHALL BE FLUSH WITH THE ROADWAY PAVEMENT.

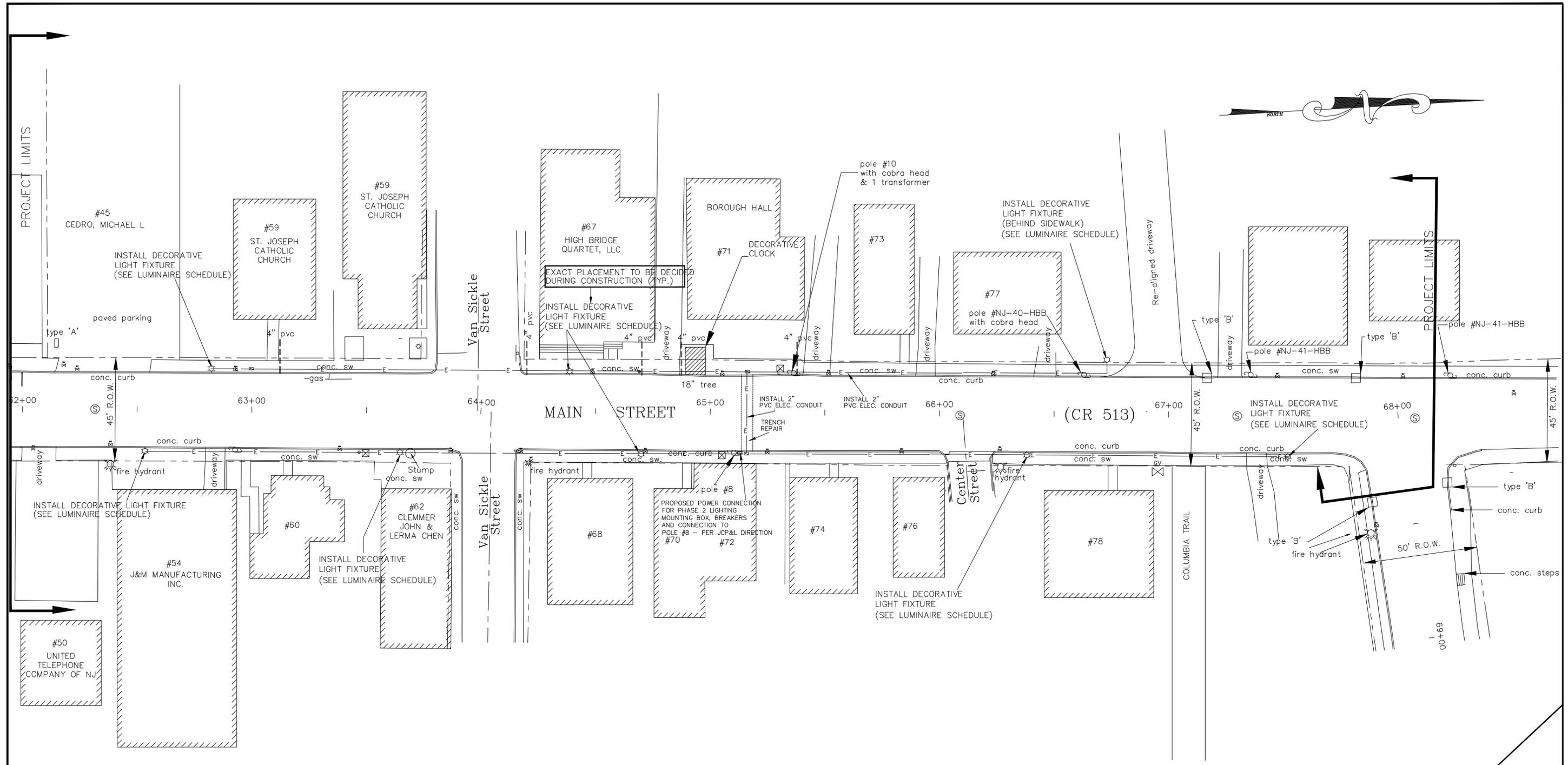
REV	DESCRIPTION
9/13/16	PER NJDOT 7/6/16 LETTER
1/10/17	PER NJDOT 12/8/16 LETTER
1/24/17	PER ENGINEER'S REVIEW
2/20/17	PER BOROUGH ENGINEER'S REVIEW
11/7/18	PER NJDOT 6/8/18 LETTER

RBZ Enterprises, Inc.
 P.O. Box 5074 • Clinton, NJ 08809
 Tel: 908-713-6650 • Fax: 908-713-6670

CONSTRUCTION PLAN
 FOR
 HIGH BRIDGE STEETScape - PHASE 2
 MAIN STREET - END PHASE 1 TO CHURCH ST.
 BOROUGH OF HIGH BRIDGE, HUNTERDON COUNTY, NJ

ENGINEER RBZ
 SURVEYOR NJ
 FILE No. SPEC56
 DBASE NAME: STEETScape-DESIGN
 3/7/16
 FILE LOCATION: COMP B
 DATE: ROBERT B. ZEDERBAUM, PROFESSIONAL NJ Lic. No. 23710
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SCALE 1" = 20'



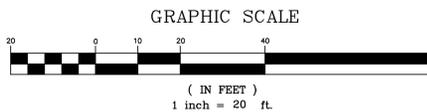
MAP LEGEND

- R.O.W. LINE
- SIGN
- ⊕ POLE
- ⊠ PLANTER
- ⊙ SANITARY MANHOLE
- 63+00 STATION
- INLET
- ⊗ WATER VALVE
- ⊛ LIGHT

LUMINAIRE SCHEDULE

SYMBOL	QTY.	LABEL	ARRANGEMENT	DESCRIPTION
⊙	8	100W HPS	SINGLE	K-199-EAR-II-100-HPS-120-K12-PE

* EACH LUMINAIRE TO BE PROVIDED WITH A PHOTOCELL



GENERAL NOTES:

- CONTRACTOR SHALL SCHEDULE A SITE MEETING WITH JCP&L PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE HIS WORK WITH JCP&L AND SHALL CONTACT JCP&L AT LEAST 48 HOURS PRIOR TO START OF CONSTRUCTION.
- JUNCTION BOXES SHOWN HEREON AND AS PART OF THIS CONTRACT SHALL BE INSTALLED BY THE CONTRACTOR UNDER JCP&L DIRECTION.
- JCP&L CONTACT IS BRIAN CASE - DR #334767012
- ALL NEW ELECTRICAL CONDUIT SHALL BE INSTALLED A MINIMUM OF 18" BELOW GRADE.
- EACH LUMINAIRE TO BE PROVIDED WITH A PHOTOCELL
- FINAL LOCATIONS OF LIGHT POSTS SHALL BE AS DIRECTED BY HIGH BRIDGE ADMINISTRATOR OR ENGINEER DURING CONSTRUCTION.

REV	DESCRIPTION
9/13/16	PER NJDOT 7/6/16 LETTER
1/10/17	PER NJDOT 12/8/16 LETTER
1/24/17	PER ENGINEER'S REVIEW
2/20/17	PER BOROUGH ENGINEER'S REVIEW
11/7/18	PER NJDOT 8/8/18 LETTER



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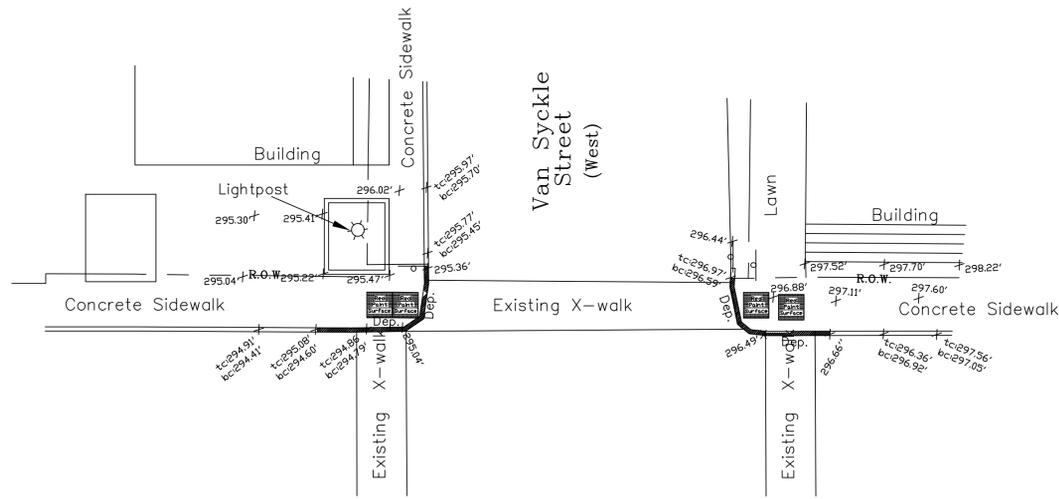
LIGHTING PLAN

FOR
HIGH BRIDGE STREETSCAPE - PHASE 2
MAIN STREET - END PHASE 1 TO CHURCH ST.
BOROUGH OF HIGH BRIDGE, HUNTERDON COUNTY, NJ

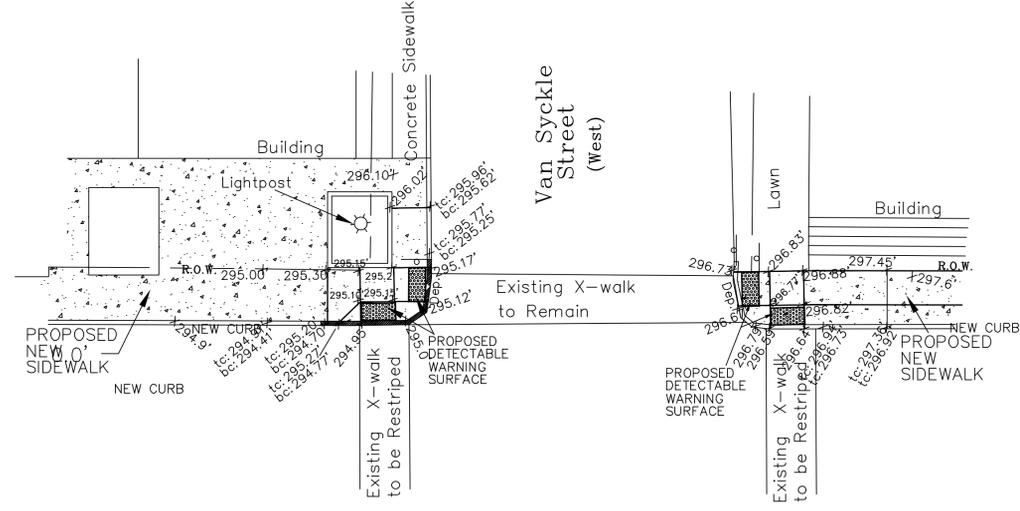
ENGINEER RBZ
SURVEYOR NL
FILE No. SPEC56
DBASE NAME STREETSCAPE-SHL
FILE LOCATION COMP B
FIELD CREW JMD, MZZ SCALE 1" = 20'

DATE ROBERT B. ZEDERBAUM PROFESSIONAL ENGINEER - NJ Lic. No. 24710
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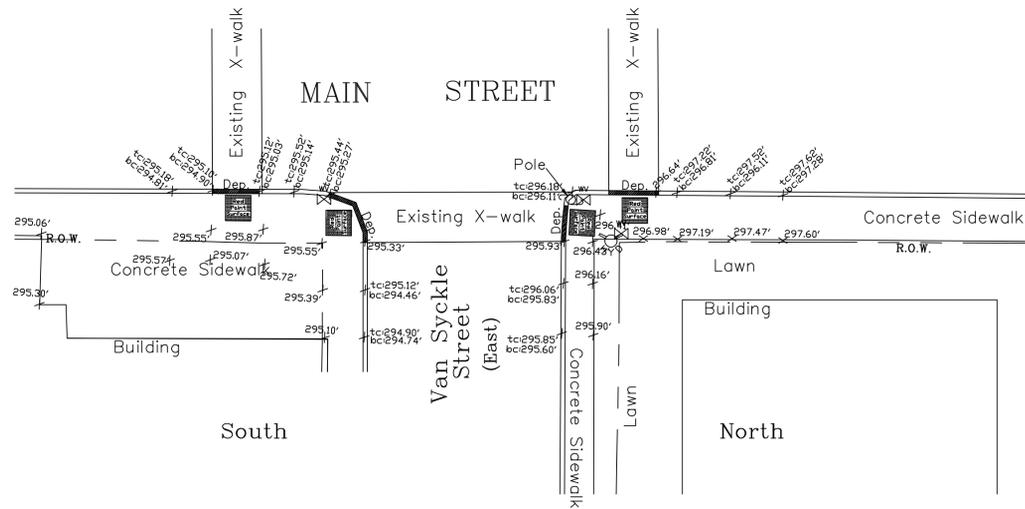
NORTH



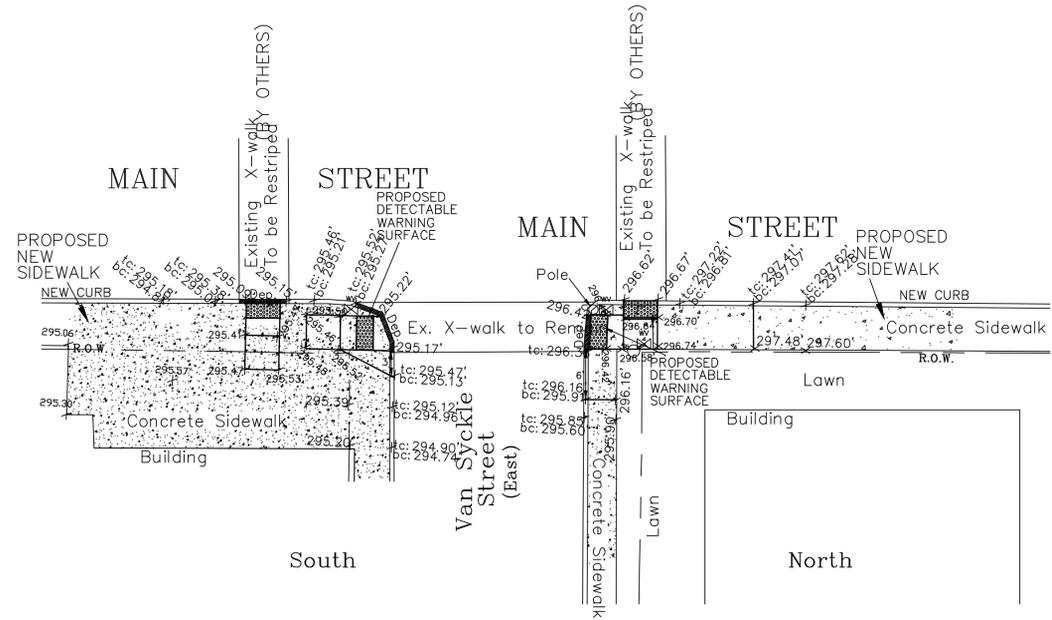
Intersection #1 Detail
Existing Conditions



Intersection #1 Detail
Proposed Conditions

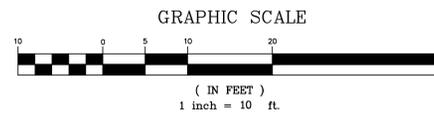


Intersection #2 Detail
Existing Conditions



Intersection #2 Detail
Proposed Conditions

*MEETS ADA REQUIREMENTS



REV	DESCRIPTION
1/24/17	PER ENGINEER'S REVIEW
2/20/17	PER BOROUGH ENGINEER'S REVIEW
11/7/18	PER NJDOT 8/8/18 LETTER



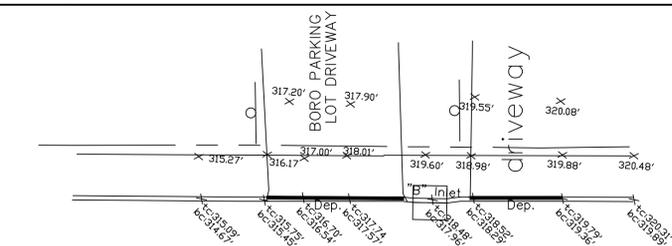
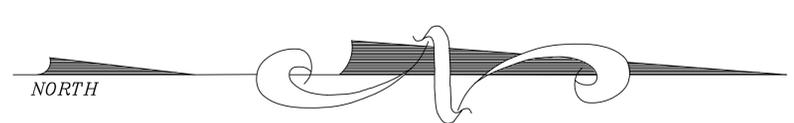
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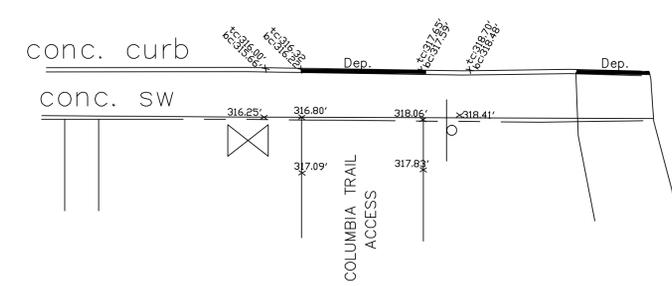
INTERSECTION DETAILS
FOR
HIGH BRIDGE STREETScape - PHASE 2
MAIN STREET - END PHASE 1 TO CHURCH ST.
BOROUGH OF HIGH BRIDGE, HUNTERDON COUNTY, NJ

ENGINEER RBZ
SURVEYOR NI
FILE No. SPEC56
DBASE NAME STREETScape-DESIGN
FILE LOCATION COMP B
FIELD CREW MD, NZZ

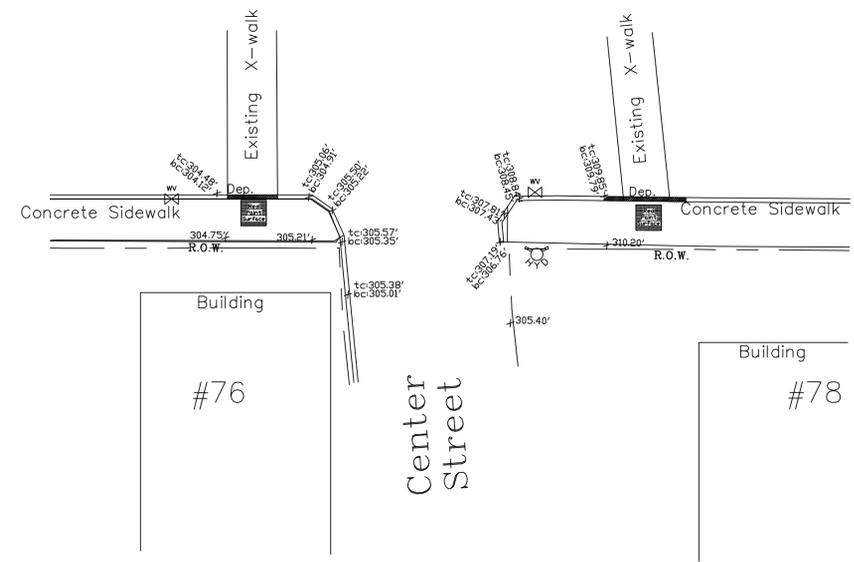
1/10/17
DATE ROBERT B. ZEDERBAUM, PROFESSIONAL ENGINEER, NJ Lic. No. 24710
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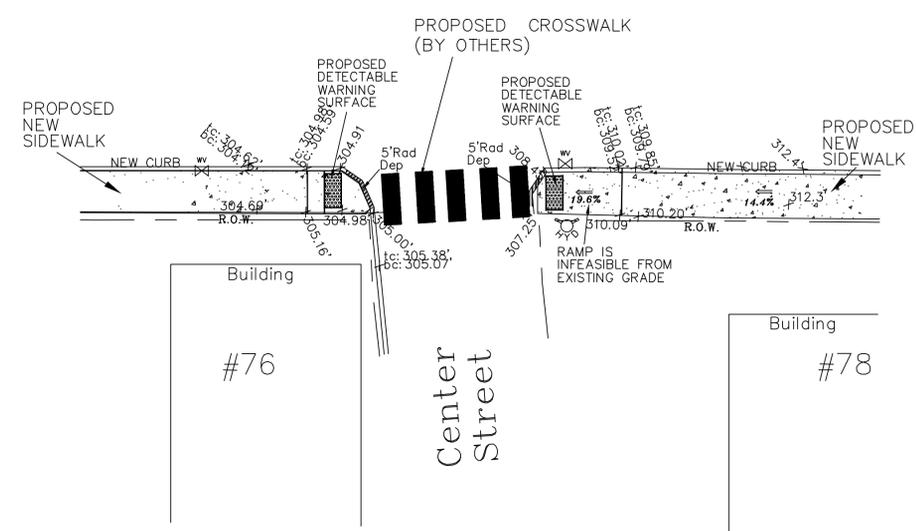
MAIN STREET (S)



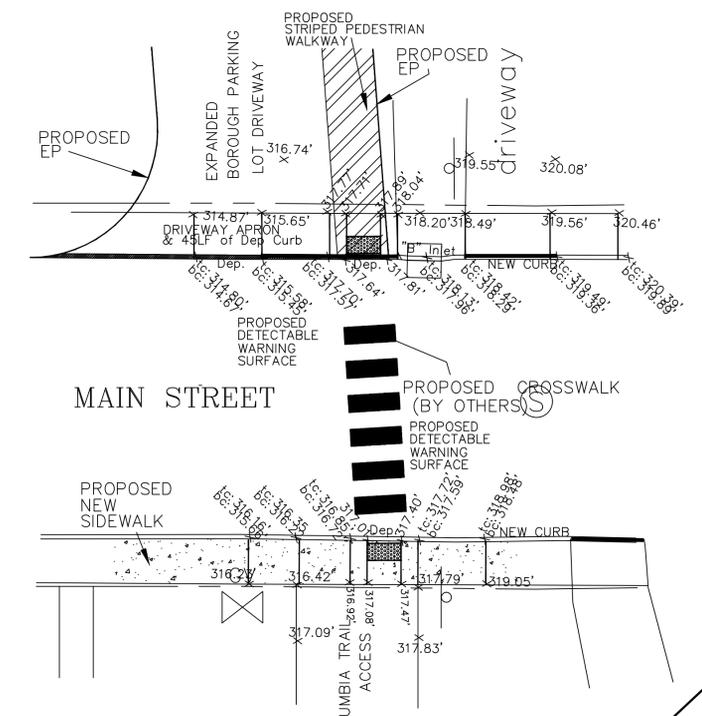
Columbia Trail Crossing Detail
Existing Conditions



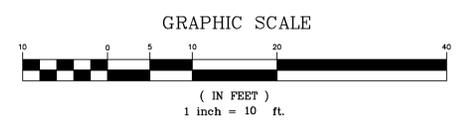
Intersection #4 Detail
Existing Conditions



Intersection #4 Detail
Proposed Conditions



Columbia Trail Crossing Detail
Proposed Conditions



*EXCEPTION REQUIRED FROM ADA REQUIREMENTS
DUE TO EXISTING SIDEWALK AND ROAD SLOPE

REV	DESCRIPTION
1/24/17	PER ENGINEER'S REVIEW
2/20/17	PER BOROUGH ENGINEER'S REVIEW
11/7/18	PER NJDOT 8/8/18 LETTER



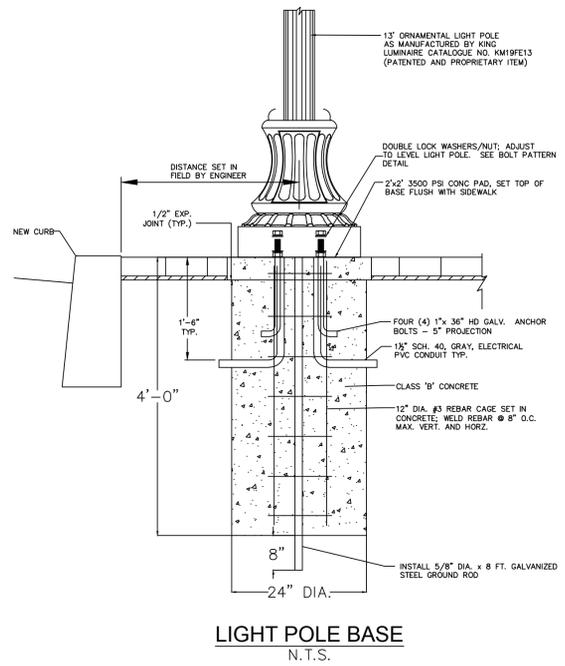
RBZ Enterprises, Inc.

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INTERSECTION DETAILS
FOR
HIGH BRIDGE STREETScape - PHASE 2
MAIN STREET - END PHASE 1 TO CHURCH ST.
BOROUGH OF HIGH BRIDGE, HUNTERDON COUNTY, NJ

ENGINEER RBZ
SURVEYOR NL
FILE No. SPEC56
DBASE NAME STREETScape-DESIGN
FILE LOCATION COMP B
FIELD CREW MD, NZZ
SCALE 1" = 10'

1/10/17
DATE ROBERT B. ZEDERBAUM, PROFESSIONAL ENGINEER, NJ Lic. No. 24710
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LIGHT POLE BASE
N.T.S.

(PATENTED AND PROPRIETARY ITEM)
K199 CALIFORNIA - LED ACORN

The K199 California Luminaire was one of the original acorn styles that graced the streets of North American towns and cities, particularly in Southern California. Teamed with King Luminaire's high performance LED engine, it makes for a perfect solution for city streets, parks, schools and commercial areas.

PRODUCT SPECIFICATIONS

LED ENGINE
The LED engine shall be an array of 30, 32, 34 or 36 solid state Cree X-Series high power LEDs (light emitting diodes) mounted to a multi-sided, vertical heat sink of highly conductive aluminum. The LEDs are arranged in a 3x4 grid with the movable circuit boards such that they are all thermally stable for an outdoor environment. The vertical heat sink is open at the top to provide appropriate convective airflow cooling for the LED array. The emitters are arranged in vertical patterns on each face of the vertical heat sink to provide the required light distribution.

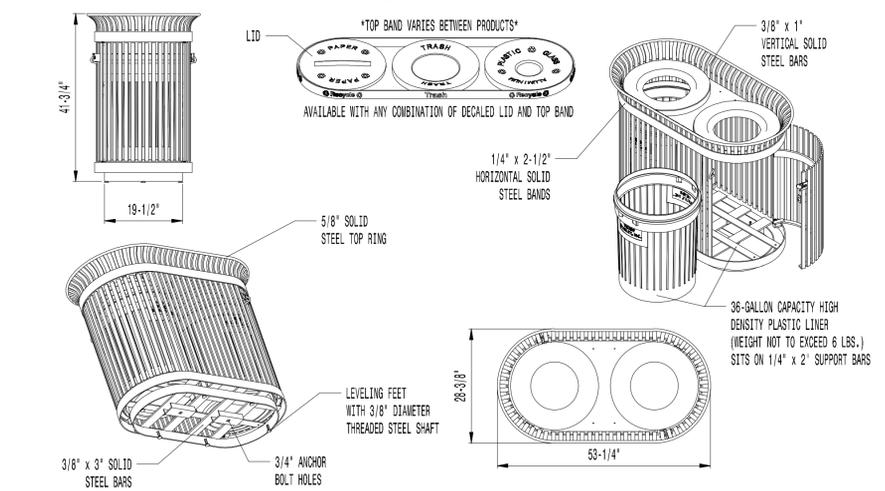
OPTICS
The LED array includes optical baffles, constructed of optical grade acrylic, with a vacuum metalized reflective surface or clear acrylic. Precision reflective lenses on each side. Both optical options are designed to enhance control light distribution in IESNA Type IV or V for the S3 and Type A & V for the S1.

LUMINAIRE CONSTRUCTION
All K199 California cast components shall consist of a heavy grade A36 cast aluminum. The main body, or capitol, acts as an enclosure for the driver assembly and is cast structurally rigid. The capitol shall have an optional stainless steel lumen body to allow the luminaire to be mounted to a maximum diameter. The luminaire shall be tested in place by means of heavy duty, stainless steel sections.

GLOBE ASSEMBLY
The protective globe shall be made of either optically polycarbonate, Millex, Makrolon, GP/OP Thermoplastic Polymer, or equivalent, or a polycarbonate acrylic. The acrylic polymer, or equivalent, having a minimum thickness of 0.25\"/>

VICTOR STANLEY, INC.
Manufacturers of Quality Site Furnishings since 1962.
(PATENTED AND PROPRIETARY ITEM)

P.O. DRAWER 330 - DUNKIRK, MD 20754 USA
TOLL FREE: (800) 368-2578 (USA & CANADA)
TEL (301) 855-8300 - FAX (410) 257-7579
WEB SITE: HTTP://WWW.VICTORSTANLEY.COM

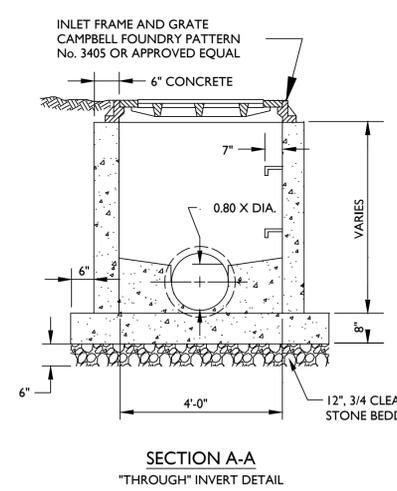
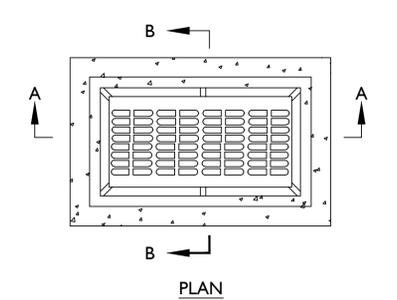


AVAILABLE OPTIONS:
POWDER COATING
10 STANDARD COLORS, 2 OPTIONAL METALLIC COLORS, CUSTOM COLORS (INCLUDING THE RAL RANGE)
SECURITY
STANDARD WITH LOCKABLE LATCH (AS SHOWN). AVAILABLE WITH OPTIONAL KEYPAD LOCK BOX. LID BOLTED IN PLACE. AVAILABLE WITH OPTIONAL MOUNT WITH 3 IN-LINE ANCHOR HOLES AND OPTIONAL BOTTOM PLATE COVER.
NOTES:
1. DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
2. ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD FILM COATING. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
3. OIL IMPREGNATED BRONZE BUSHINGS AND STAINLESS STEEL PIVOT PINS FOR DOOR MOVEMENT. STANDARD 3/16\"/>

OPTIONAL DOME LIDS
LIDS ARE SECURED WITH VINYL COATED GALVANIZED STEEL AIRCRAFT CABLE. CABLE IS LOOPED AROUND ATTACHMENT BRACKETS AND CRIMPED IN PLACE.

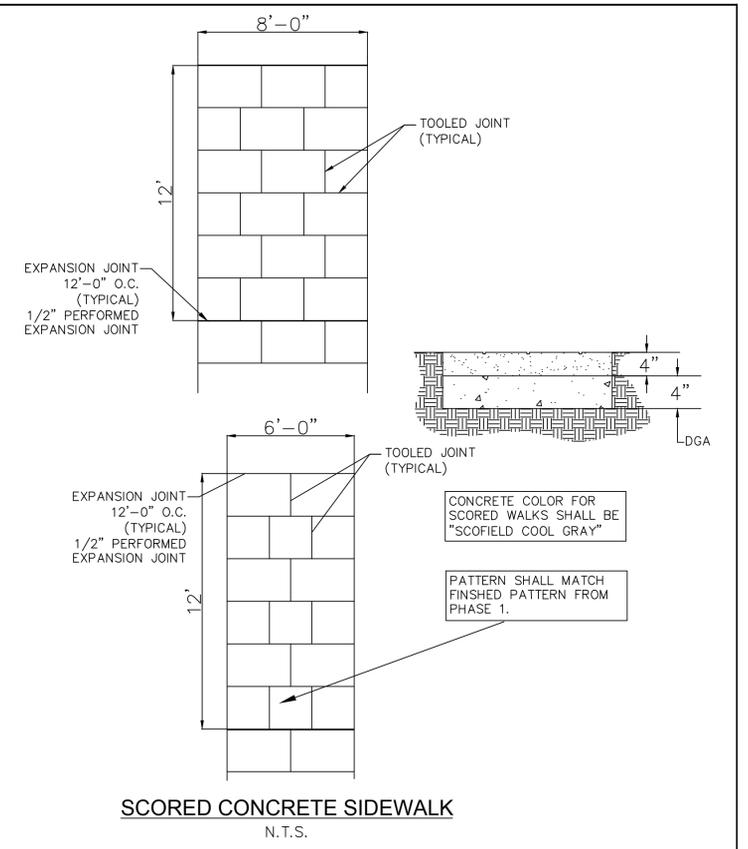
SIDE-DOOR RECYCLING STATION
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REV	DESCRIPTION
1/10/17	PER NIDOT 12/8/16 LETTER
2/20/17	PER BOROUGH ENGINEER REVIEW
11/7/18	PER NIDOT 8/8/18 LETTER



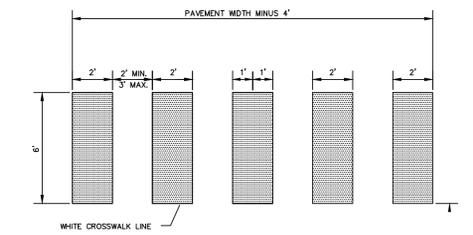
PRECAST INLET
AS MANUFACTURED BY (1) PRECAST MANUFACTURING COMPANY OR (2) FLEMINGTON PRECAST & SUPPLY OR (3) OLDCASTLE PRECAST - EASTON, PA AND OR APPROVED EQUAL

TYPE 'A' CASTING
AS MANUFACTURED BY (1) CAMPBELL FOUNDRY OR (2) NEENAH FOUNDRY OR (3) U.S. FOUNDRY AND OR APPROVED EQUAL

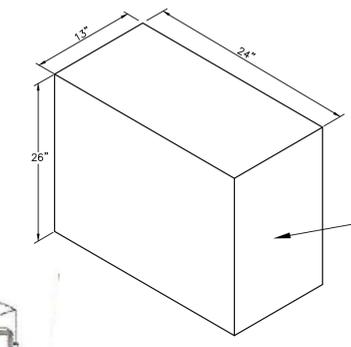


PRECAST TYPE 'A' INLET
N.T.S.

SCORED CONCRETE SIDEWALK
N.T.S.



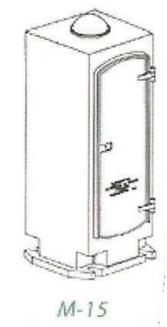
NOTES:
1. CROSSWALK PAVEMENT MARKINGS SHALL BE LONGIFE EPOXY PAINT OR LONGIFE EXTRUDED THERMOPLASTIC AS PER PLAN AND SPECIFICATIONS.
2. CROSSWALK LINE SPACING SHALL BE ADJUSTED TO AVOID TYPICAL VEHICLE WHEEL PATHS.
3. SPACING BETWEEN ALL CROSSWALK LINES SHALL BE EQUAL.
4. FINAL LOCATION AND STYLE OF COMMON PATHWAY STRIPING SHALL BE AS DIRECTED BY BOROUGH ENGINEER.



COMMONS PEDESTRIAN PATHWAY STRIPING
NOT TO SCALE

AS MANUFACTURED BY (1) QUAZITE OR (2) GRAINGER INDUSTRIAL SUPPLY OR (3) OLDCASTLE PRECAST - EASTON, PA AND OR APPROVED EQUAL
13"x 24" PG STYLE (STACKABLE)
ASSEMBLY W/ PG BOTTOM EXTENSION.

Free Standing Meter Enclosure: ASTM B-26 aluminum cast cabinet, door and dome cover; stainless steel hardware; conduit and second cabinet mounting holes in top under cover; Corbin lock & key #0357SGS; continuous neoprene gasket around door; black plywood mounting backboard; integral mounting lugs and an open bottom for conduit entry. The M15B cabinet has removable cast aluminum hinges which allow easy replacement of damaged doors.



JCP&L METER ENCLOSURE - LIGHTING POWER CONNECTION
N.T.S.

AS MANUFACTURED BY (1) FLEMINGTON ALUMINUM & BRASS FLEMINGTON, NJ OR (2) LEITELT BROS. INC. CHICAGO, IL. (3) COASTAL FOUNDRY CO. HOUSTON, TX. AND OR APPROVED EQUAL

ELEC JUNCTION BOX
N.T.S.



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Tel: 908-713-6650 • Fax: 908-713-6670

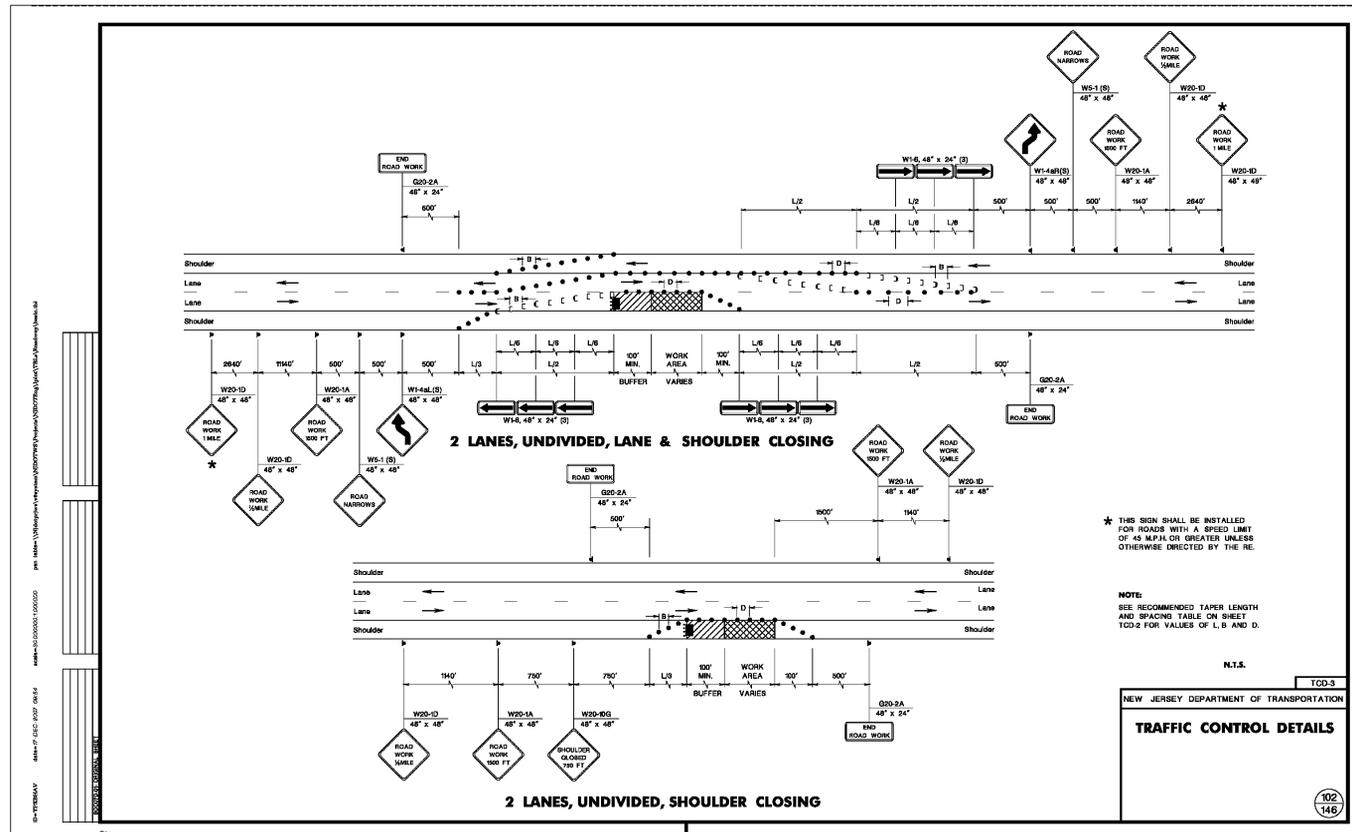
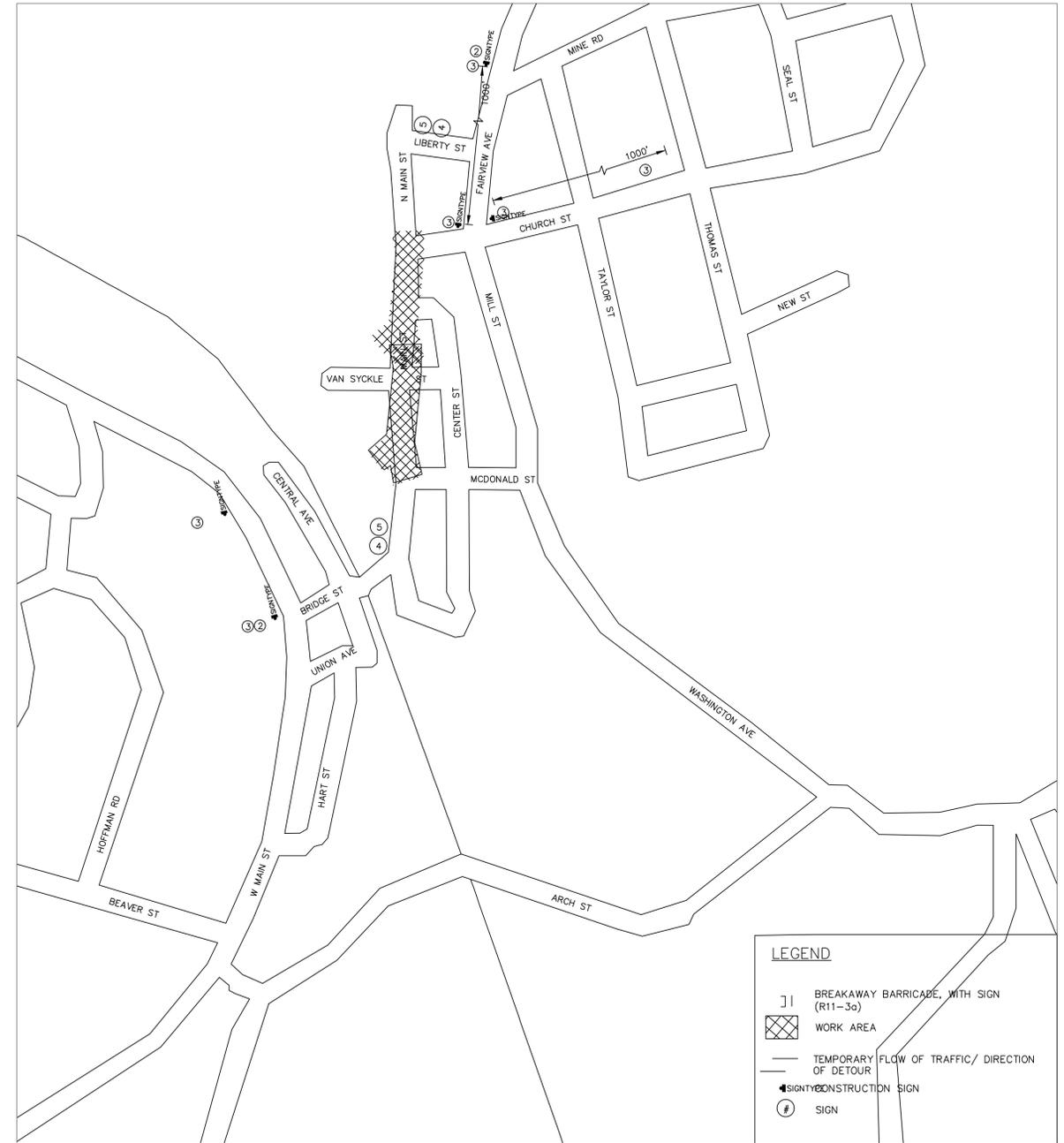
CONSTRUCTION DETAILS
FOR
HIGH BRIDGE STREETScape - PHASE 2
MAIN STREET - END PHASE 1 TO CHURCH ST.
BOROUGH OF HIGH BRIDGE, HUNTERDON COUNTY, NEW JERSEY

ENGINEER RBZ
SURVEYOR NL
FILE No. SPEC
DBASE NAME Streetscape-DE1
FILE LOCATION COMP B
FIELD CREW JMD,MZZ SCALE AS SHOWN

DATE 3/7/16
DATE ROBERT B. ZEDERBAUM, PROFESSIONAL ENGINEER, NJ Lic. No. 24710
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Traffic notes:

1. No parking shall be allowed on streets in construction zone.



CONSTRUCTION SIGN LEGEND				
MUTCD DESIGNATION	MESSAGE	SIZE IN. x IN.	TOTAL QTY UNIT	TOTAL S.F.
②	W20-1	ROAD WORK 1500 FT	48"x48"	2 32
③	ACCESSORY PANEL	MAIN STREET	30"x24"	6 30
④	W20-4	ONE LANE ROAD 500 FT.	48"x48"	2 32
⑤	W20-7A	FLAGGER SYMBOL	48"x48"	2 32
			126	



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C.O.A. - 24027051000

P.O. Box 5074 • Clinton, NJ 08809
Tel: 908-713-6650 • Fax: 908-713-6670

TRAFFIC CONTROL PLAN

FOR
HIGHBRIDGE STREETSCAPE - PHASE 2
MAIN STREET - END PHASE 1 TO CHURCH ST.
BOROUGH OF HIGH BRIDGE, HUNTERDON COUNTY, NEW JERSEY

ENGINEER RBZ
SURVEYOR NL
FILE No. SPEC
DBASE NAME Streetscape-TRAFFIC
FIELD LOCATION COMP. B
FIELD CREW JMD, MZZ SCALE AS SHOWN

DATE ROBERT B. ZEDERBAUM PROFESSIONAL ENGINEER - NJ Lic. No. 24710
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REV	DESCRIPTION
1/10/17	per njdot 12/8/16 letter
2/20/17	per Borough Engineer Review
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MAINTENANCE AND PROTECTION OF TRAFFIC NOTES

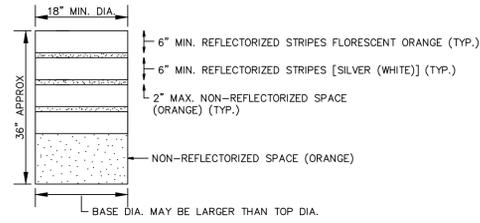
1. MAINTENANCE AND PROTECTION OF TRAFFIC SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES - PART VI "STANDARDS AND GUIDES FOR TRAFFIC CONTROL FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE, UTILITY, AND INCIDENT MANAGEMENT OPERATIONS", UNLESS OTHERWISE NOTED IN THE PLANS AND SPECIFICATIONS, AND SHALL BE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL PLAN AND CARRY OUT HIS WORK TO PROVIDE FOR THE CONVENIENT AND SAFE PASSAGE OF ALL VEHICULAR AND PEDESTRIAN TRAFFIC.
2. THE CONTRACTOR SHALL FOLLOW THE RECOMMENDED TRAFFIC CONTROL PROCEDURE IF THE CONTRACTOR DESIRES TO CHANGE THE PROCEDURE. HE SHALL PRESENT HIS CHANGES IN WRITING TO THE ENGINEER FOR REVIEW AND APPROVAL. THERE MAY BE UTILITY RELOCATION, ADJUSTMENTS, AND IMPROVEMENTS WHICH ARE NECESSITATED BY THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH EACH OF THE UTILITY COMPANIES LOCATED WITHIN THE PROJECT LIMITS.
3. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING MAINTENANCE AND PROTECTION OF TRAFFIC THROUGHOUT THE DURATION OF CONSTRUCTION. THE COST FOR INDIVIDUAL DEVICES USED TO MAINTAIN AND PROTECT TRAFFIC SHALL BE INCLUDED WITHIN ITEMS 16 TO 19. NO SEPARATE PAYMENTS WILL BE MADE FOR RELOCATING THE DEVICES AS REQUIRED, OR OTHER SUCH DEVICES APPROVED BY THE ENGINEER.
4. THE CONTRACTOR SHALL PROVIDE MEANS OF ACCESS AT ALL TIMES FOR PEDESTRIAN AND VEHICULAR TRAFFIC AT ALL PRIVATE DRIVEWAYS AND OCCUPIED BUILDINGS AFFECTED BY THE WORK OF THIS CONTRACT. DURING CONSTRUCTION, IN THE VICINITY OF A DRIVEWAY, THE ACCESS WIDTH AT THE DRIVEWAY ENTRANCE SHALL BE PLAINLY MARKED BY LIGHTS, BARRICADES, OR OTHER SUCH DEVICES APPROVED BY THE ENGINEER.
5. DURING CONSTRUCTION, ALL ROADS SHALL BE PROPERLY MAINTAINED TO ACCOMMODATE EMERGENCY VEHICLES AT ALL TIMES.
6. ALL BARRICADES SHALL BE TYPE III BREAK AWAY BARRICADES
7. PRIOR TO ANY ROAD CONSTRUCTION, TRAFFIC CONTROL, SIGNS AND DEVICES SHALL BE IN PLACE.
8. ALL EXISTING ROAD SIGN, PAVEMENT MARKINGS AND/OR PLOWABLE PAVEMENT REFLECTORS WHICH CONFLICT WITH THE PROPOSED TRAFFIC CONTROL PLAN SHALL BE COVERED, REMOVED OR RELOCATED AS DIRECTED BY THE ENGINEER.
9. THE FINAL HOT MIX ASPHALT PAVEMENT SHALL NOT BE CONSTRUCTED UNTIL THE FINAL STAGE OF THE PROJECT. MANHOLES AND INLETS SHALL BE SET TO FINISHED GRADE AND TEMPORARY PAVEMENT RAMPS ARE TO BE CONSTRUCTED AROUND THEM WITH A MINIMUM 20H:1V SLOPE IN ALL DIRECTIONS USING HOT MIX ASPHALT PAVEMENT. THIS TEMPORARY MATERIAL WILL BE REMOVED IMMEDIATELY PRIOR PLACING THE SURFACE COURSE.
10. TRAFFIC CONTROL DEVICES FOR LANE CLOSURE INCLUDING SIGNS, CONES, BARRICADES, ETC. SHALL BE PLACED AS SHOWN ON THE PLANS. SIGNS SHALL NOT BE PLACED WITHOUT ACTUAL LANE CLOSURE AND SHALL BE IMMEDIATELY REMOVED UPON REMOVAL OF THE CLOSURES.
11. RAMPS AND/OR SIDE STREETS ENTERING THE ROADWAY AFTER THE FIRST ADVANCE WARNING SIGN SHALL BE PROVIDED WITH AT LEAST ONE W20-IF SIGN (ROAD WORK AHEAD) AS A MINIMUM.
12. TRAFFIC SAFETY SERVICES SHALL BE USED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL, SECTION 617.
13. CONES MAY BE SUBSTITUTED FOR DRUMS AND INSTALLED UPON THE APPROVAL OF THE ENGINEER.
14. CONSTRUCTION SIGNS W8-9A (SYMBOL FOR UNEVEN PAVEMENT) AND W8-14A (GROOVED PAVEMENT) SHALL BE USED WHEN SUCH PAVEMENT CONDITIONS EXIST. THE PLACEMENT OF THESE SIGNS SHALL BE AS DIRECTED BY THE ENGINEER.

GENERAL NOTES:

1. NO WORK SHALL BE DONE WHICH WILL DECREASE ANY TRAVEL LANE WIDTH PRIOR TO 7:00 A.M. OR AFTER 5:00 P.M. MONDAY THROUGH FRIDAY, INCLUSIVE. WORK WHICH WILL INTERFERE WITH TRAFFIC OR RESTRICT THE WIDTH OF TRAVELED WAY FOR TRAFFIC SHALL NOT BE PERFORMED ON SATURDAYS, SUNDAYS, OR LEGAL HOLIDAYS UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
2. ALL OPEN EXCAVATIONS MUST BE PROTECTED WITH BARRELS OR AS DIRECTED BY ENGINEER.
3. THE CONTRACTOR SHALL OPEN UP THE ENTIRE ROAD AT 5:00 P.M.
4. THE CONTRACTOR SHALL PROVIDE A RAMP AT BOTH ENDS OF HIS WORK ZONE AND INTERSECTION STREETS PRIOR TO OPENING UP THE ENTIRE ROAD AT 5:00 P.M.
5. THE CONTRACTOR SHALL USE TRAINED FLAGGERS AS SPECIFIED IN '2007 NJDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION' TO SAFETY CONTROL TRAFFIC OPERATIONS THROUGH OUT THE JOB SITE.

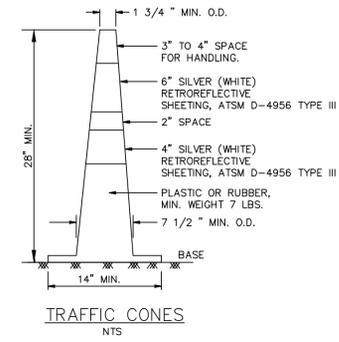
DRUM NOTES:

DRUMS SHALL BE MADE OF ORANGE PLASTIC WITH A MINIMUM OF FOUR ALTERNATE FLUORESCENT ORANGE AND SILVER (WHITE) RETROREFLECTIVE STRIPES. IF THERE ARE NON-REFLECTORIZED SPACES BETWEEN THE STRIPES, THEY SHALL BE NO MORE THAN 2" WIDE. RETROREFLECTIVE SHEETING FOR STRIPES SHALL CONFORM WITH ASTM D 4956 S2 REQUIREMENTS AND SHALL BE FROM THE APPROVED PRODUCTS LIST MAINTAINED BY THE BUREAU OF QUALITY MANAGEMENT SERVICES, NEW TECHNOLOGIES AND PRODUCTS SECTION. THE TOP OF THE DRUM SHALL NOT BE OPEN. DRUMS SHALL BE CONSTRUCTED TO INHIBIT ROLLING IF KNOCKED OVER. THE REFLECTORIZED AREA OF DRUMS SHALL BE ROUND EXCEPT THAT OTHER SHAPES, WHICH PROVIDE THE SAME VISIBILITY AS AN 18 INCH DIAMETER ROUND DRUM REGARDLESS OF ORIENTATION, MAY BE USED IF APPROVED BY THE BUREAU OF MATERIALS.



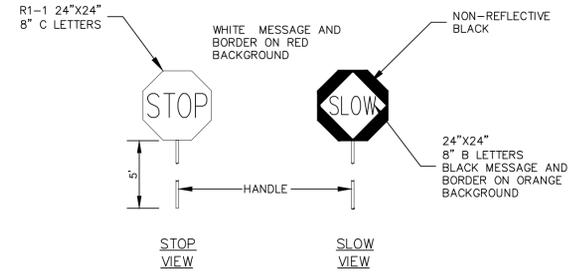
WHEN BALLAST IS REQUIRED BY THE ENGINEER, SAND SHALL BE USED. THE MAXIMUM WEIGHT OF THE BALLAST SHALL BE 50 LBS. AND BE LOCATED APPROXIMATELY AT GROUND LEVEL.

DRUMS
NTS



NOTES:
TRAFFIC CONES SHALL BE PREDOMINATELY ORANGE IN COLOR.
BASES MAY BE OF BREAKAWAY BALLASTED TYPE.
MINOR MANUFACTURER'S VARIATIONS MAY BE ACCEPTABLE UPON APPROVAL OF THE ENGINEER.

TRAFFIC CONES
NTS



NOTE: SIGN FACES SHALL BE RETRO-REFLECTIVE SHEETING, ASTM D 4956 TYPE III.

STOP/SLOW PADDLE

CONSTRUCTION SIGN NOTES:

1. DIMENSIONS, COLORS AND DETAILS OF VARIOUS SIZE SIGNS, AND ACCESSORY PANELS TO FOLLOW STANDARDS IN CURRENT "STANDARD HIGHWAY SIGN PUBLICATION" AND THE CURRENT "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
2. LETTERS AND NUMERALS SHALL CONFORM TO THE CURRENT MANUAL, "STANDARD ALPHABETS FOR HIGHWAY SIGNS" U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION.
3. THE CONTRACTOR SHALL OBTAIN THE APPROVAL OF THE ENGINEER FOR THE DISTANCE TO BE USED ON THE ADVANCE WARNING SIGNS.

BACKING MATERIAL

1. ALUMINUM SHALL BE FLAT SHEET OF ALLOY 5052-H38 OR 6061-T6 ALLOY, 0.10 GAUGE.

TEMPORARY SIGN SUPPORTS

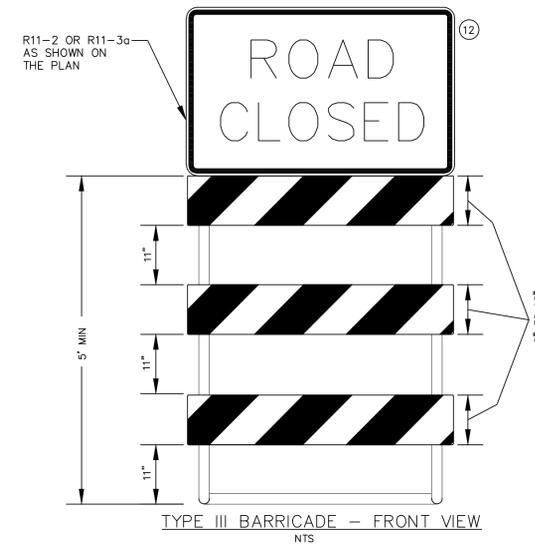
1. SIGN SUPPORTS SHALL BE OF WELL SEASONED LUMBER, S4S, FREE OF SPLITS, KNOTS AND WARPS OR OF STEEL COMPONENTS.
2. WOOD POSTS SHALL HAVE A UNIFORM CROSS-SECTION AND SHALL NOT EXCEED THE FOLLOWING DIMENSIONS FOR:
SINGLE POST = 4" x 6"
TWO POSTS = 3" x 6" OR 4" x 5"
THREE POSTS = 3" x 5" OR 4" x 4"
4" X 6" WOOD POSTS SHALL BE MODIFIED BY DRILLING 1 1/2 INCH DIAMETER HOLES 4 INCHES AND 18 INCHES ABOVE THE GROUND LINE AND PERPENDICULAR TO THE ROADWAY CENTERLINE.
3. NO BRACING IS PERMITTED. VERTICAL CLEARANCES FOR SIGNS MOUNTED ON WOOD SUPPORTS SHALL BE 7 FOOT MINIMUM. EMBEDMENT DEPTH FOR THE WOOD POSTS SHALL NOT EXCEED 3.5 FEET.
4. STEEL POSTS SHALL BE IN ACCORDANCE WITH THE NJDOT STANDARD DETAIL FOR U-POST SIGN SUPPORT.
5. TEMPORARY SIGN SUPPORTS NOT MEETING THIS CRITERIA SHALL BE SHIELDED BE A LONGITUDINAL BARRIER OR CRASH CUSHION.

SIGN FACES

1. SIGN FACES SHALL BE ASTM D 4956 TYPE VII OR VIII FLUORESCENT ORANGE SHEETING.

FASTENING

1. ALL SIGNS SHALL BE SECURELY FASTENED TO THEIR SUPPORTS WITH BOLTS, NUTS, AND WASHERS IN ACCORDANCE TO THE SPECIFICATIONS.



TYPE III BARRICADE - FRONT VIEW
NTS

TYPE III BARRICADE NOTES:

1. THE 9" MIN X 48" OR 12" MAX X 48" BARRICADE RAILS SHALL BE FABRICATED FROM 0.125" MAX. PLASTIC SHEETING AND SHALL BE ATTACHED, 4 PER RAIL, WITH 1 INCH NO. 14 PAN HEAD METAL SCREWS OR PLASTIC RIVETS. ALL CORNERS SHALL BE ROUNDED.
2. ORANGE AND SILVER (WHITE) STRIPES SHALL BE RETROREFLECTIVE SHEETING, ASTM D-4956 TYPE III, AS SHOWN FOR CONSTRUCTION SIGNS. ALTERNATIVE ORANGE AND SILVER (WHITE) STRIPES 6" WIDE SLOPING DOWNWARD AT AN ANGLE OF 45 DEGREES IN THE DIRECTION TRAFFIC IS TO PASS.
3. IF NECESSARY, THE SANDBAGS SHALL BE FABRICATED AND PLACED ACCORDING TO THE MANUFACTURE'S RECOMMENDATION.
4. THE FRAMING FOR BARRICADE PANELS SHALL BE NCHRP-350 CRASHED TESTED AND FHWA APPROVED. SEE SPECIFICATION SUBSECTION 617.03.
5. AS SHOWN ON THE PLAN, AFFIX SIGN R11-2, R11-3a, M4-10R, OR M4-10L ON TYPE III BARRICADE.

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TRAFFIC CONTROL PLAN DETAILS
FOR

HIGHBRIDGE STREETScape - PHASE 2
MAIN STREET - END PHASE 1 TO CHURCH ST.
BOROUGH OF HIGH BRIDGE, HUNTERDON COUNTY, NEW JERSEY

DATE **ROBERT B. ZEDERBAUM**, PROFESSIONAL ENGINEER, NJ Lic. No. 24710
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ENGINEER **RBZ**
SURVEYOR **NL**
FILE No. **SPEC**
DBASE NAME **Streetscape-TRAFFIC**
FIELD CREW **JMD,MZZ** SCALE **AS SHOWN**