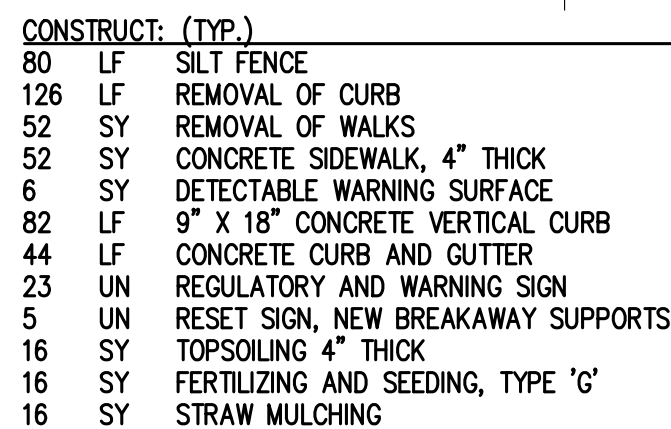
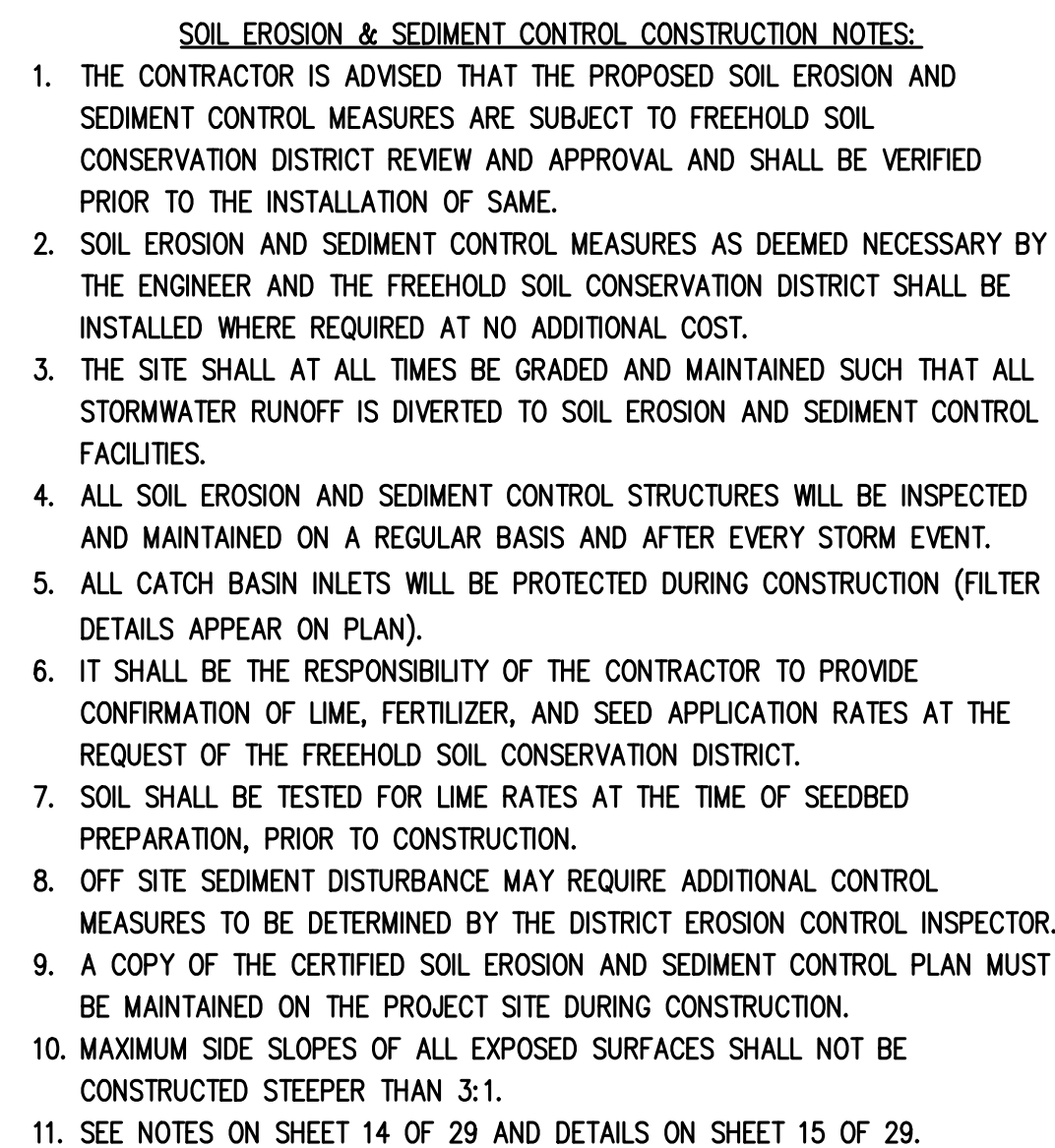




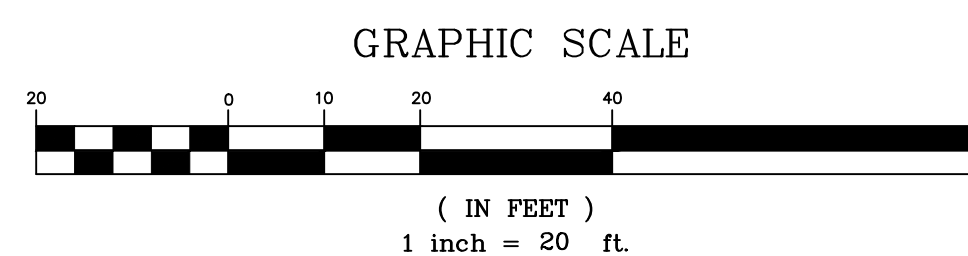
REMOVAL OF CURB	
REMOVAL OF WALKS	
CONCRETE SIDEWALK, 4" THICK	
HOT MIX ASPHALT DRIVEWAY, 2" THICK	
CONCRETE DRIVEWAY, 6" THICK, REINFORCED	
9' x 18' CONCRETE VERTICAL CURB	
<i>CONSTRUCT (STA. 400+00 TO 406+00)</i>	
80	LF SILT FENCE
102	LF REMOVAL OF CURB
57	SY REMOVAL OF WALKS
7	CY EXCAVATION, UNCLASSIFIED
1,766	SY HMA MILLING, 3" OR LESS
213	TN HOT MIX ASPHALT SURFACE COURSE, 9.5M64, 2" THICK
45	SY CONCRETE SIDEWALK, 4" THICK
4	SY HOT MIX ASPHALT DRIVEWAY, 2" THICK
7	SY CONCRETE DRIVEWAY, REINFORCED, 6" THICK
4	SY DETECTABLE WARNING SURFACE
29	SY CONCRETE VALLEY GUTTER
90	LF 9' x 18" CONCRETE VERTICAL CURB
31	LF 9' x 18" CONCRETE VERTICAL CURB WITH GUTTER
100	LF TRAFFIC STRIPES, 4" WIDE, THERMOPLASTIC
230	SF TRAFFIC MARKINGS, THERMOPLASTIC
30	SY REGULATORY AND WARNING SIGN
7	UN RESET SIGN, NEW BREAKAWAY SUPPORTS
2	UN RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING
16	SY TOPSOILING, 4" THICK
16	SY FERTILIZING AND SEEDING, TYPE 'c'
16	SY STRAW MULCHING

CONSTRUCT (STA. 400+00 TO 406+00)

THIRD STREET

PROJECT AREA = 53,100 SF (1.22 AC)

TOTAL AREA OF SOIL DISTURBANCE =
11,400 SF (0.26 AC)



6.	REVISED STORM @ WARREN/MANCHESTER; SIGNAGE ON 3RD @ ATLANTIC	12/30/19	MZ	TT
5.	REVISED 3RD ST STORM SEWER PER TEST PITS	12/12/19	MZ	TT
4.	REVISED PER COUNTY ENGINEERING COMMENTS	11/14/19	MZ	TT
No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED

BOROUGH OF KEYPORT
MONMOUTH COUNTY, NEW JERSEY

2019 ROAD IMPROVEMENT PROGRAM

CONTRACT 'A'

CONSTRUCTION AND SOIL EROSION AND SEDIMENT CONTROL
PLAN - THIRD STREET - STATION 400+00 TO 406+00

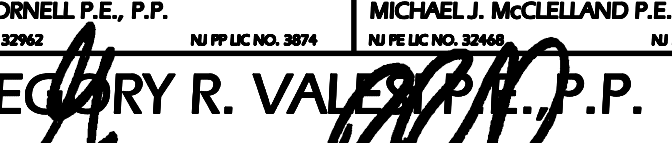


CME
ASSOCIATES
CONSULTING AND MUNICIPAL ENGINEERS

3541 BORDENTOWN AVENUE, PARLIN, NEW JERSEY 08859 — 1660 ROUTE Y SOUTH, HOWELL, NEW JERSEY 07731-9114

JOHN H. AULGAR P.E., P.P. 1760-2004	DAVID L. SAMUEL P.E., P.P. NU P.F.C. NO. 2005 0001	JOHN J. STEFANI P.E., L.S. & P.P. NU P.F.C. NO. 2007
JAY B. CORNELL P.E., P.P. NU P.F.C. NO. 3592	MICHAEL J. MCCLELAND P.E., P.P. NU P.F.C. NO. 3249	GREGORY R. VALES P.E., P.P. NU P.F.C. NO. 3458

GREGORY R. VALES P.E., P.P.



NEW JERSEY PROFESSIONAL ENGINEER N.J. Lic. 34458

SCALE: 1"=20'

DESIGNED BY: ZMJ

DRAWN BY: JDR

CHECKED BY: TJT

DUE DATE: OCT 2019

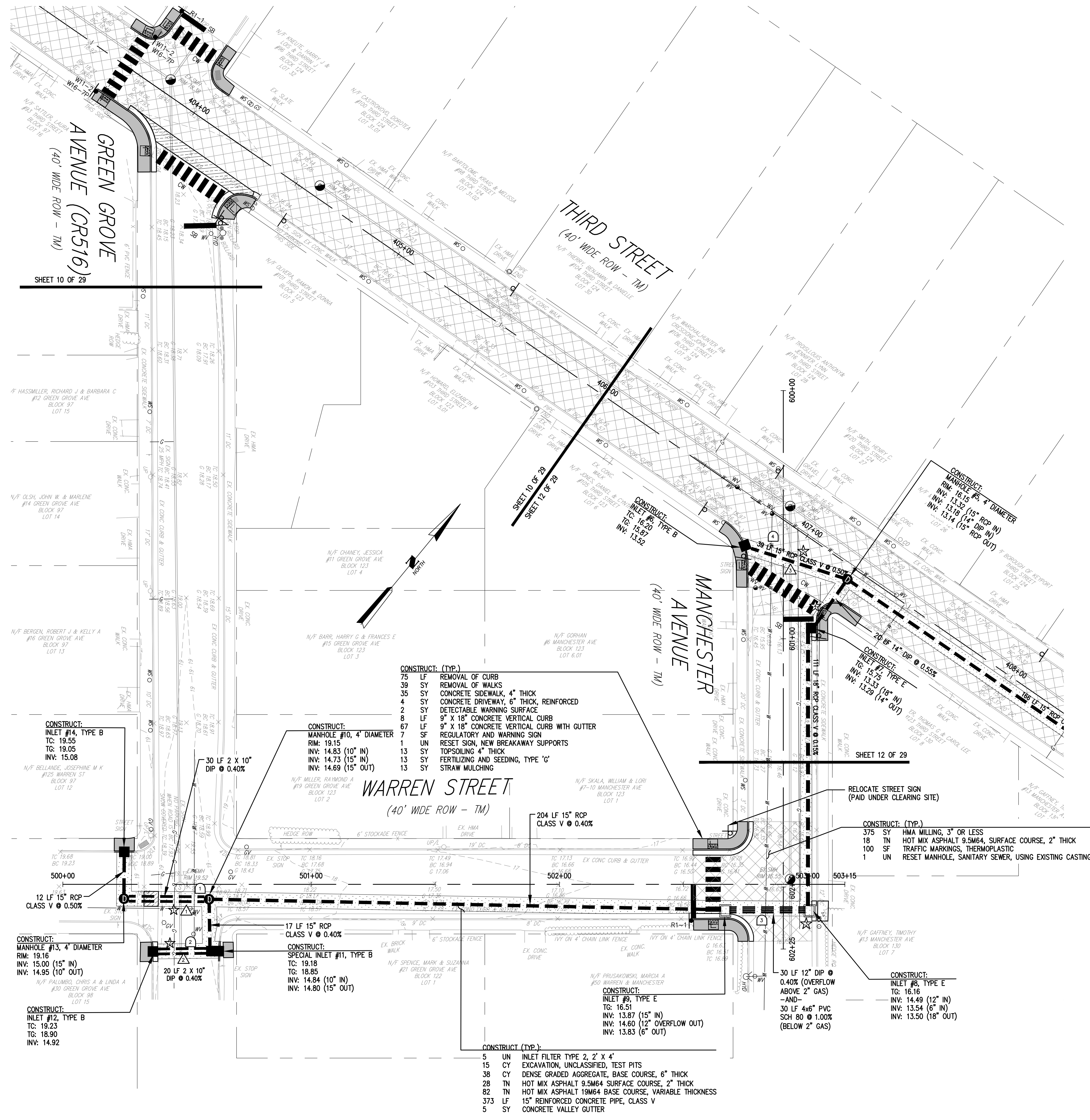
SHEET: 10 OF 29

THIRD CONST 1

PROJECT NAME: KP609-ThirdStreetBase

DATE: 10/27/19

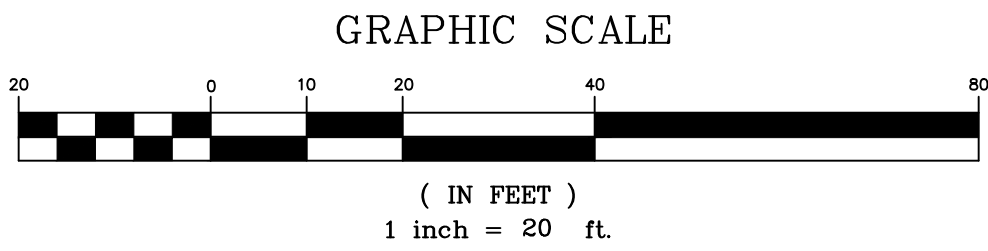
FILE NO.: KP609



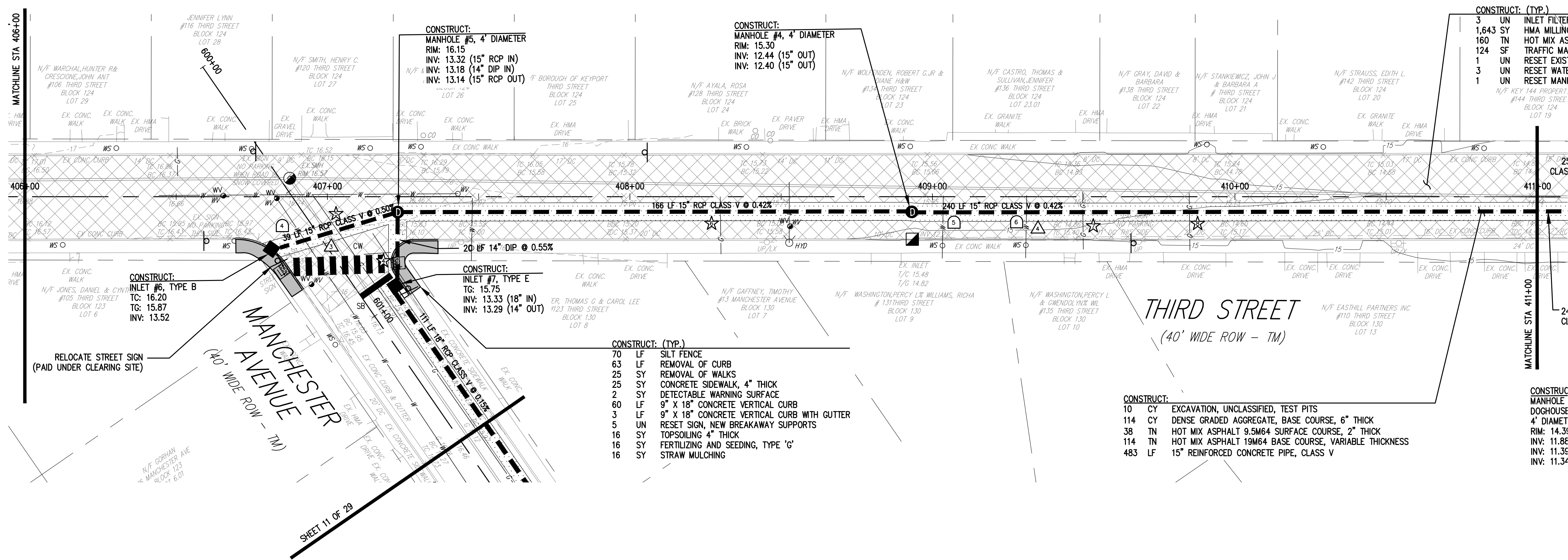
STORM vs. SANITARY CROSSING TABULATIONS		
CROSSING NUMBER	CLEARANCE	REMARKS
1	0.19'	CONC. CRADLE
2	0.13'	CONC. CRADLE
3	2.53'	O.K.
4	0.51'	STONE ENCASEMENT
STORM vs. GAS CROSSING TABULATIONS		
CROSSING NUMBER	CLEARANCE	REMARKS
1	0.65'	STONE ENCASEMENT
2	0.56'	STONE ENCASEMENT
3	0.10'	CONC. CRADLE
4	0.20'	CONC. CRADLE
5	0.10'	CONC. CRADLE
6	0.10'	CONC. CRADLE
7	CONFLICT	N/A TO RELOCATE GAS SERVICE
8	CONFLICT	N/A TO RELOCATE GAS SERVICE
9	CONFLICT	N/A TO RELOCATE GAS SERVICE
WATER vs. STORM CROSSING TABULATIONS		
CROSSING NUMBER	CLEARANCE	REMARKS
1	0.28'	CONC. CRADLE
2	0.20'	CONC. CRADLE
3	0.35'	CONC. CRADLE
4	0.98'	STONE ENCASEMENT
5	0.45'	CONC. CRADLE
6	0.20'	CONC. CRADLE

CONSTRUCT (STA. 500+00 TO 503+15 AND 601+50 TO 602+25)

- 5 UN INLET FILTER TYPE 2, 2' X 4'
- 75 LF REMOVAL OF CURB
- 39 SY REMOVAL OF WALKS
- 15 CY EXCAVATION, UNCLASSIFIED, TEST PITS
- 38 CY DENSE-GRADED AGGREGATE, BASE COURSE, 6" THICK
- 375 SY HMA MILLING, 3" OR LESS
- 46 TN HOT MIX ASPHALT SURFACE COURSE, 9.5M64, 2" THICK
- 82 TN HOT MIX ASPHALT BASE COURSE, 19M64, VARIABLE THICKNESS
- 12 LF 12" REINFORCED CONCRETE PIPE, CLASS V
- 233 LF 15" REINFORCED CONCRETE PIPE, CLASS V
- 57 LF 18" REINFORCED CONCRETE PIPE, CLASS V
- 30 LF 12" DUCTILE IRON PIPE
- 100 LF 10" DUCTILE IRON PIPE
- 120 LF 6" PVC SCH. 80 PIPE
- 1 UN SPECIAL INLET, TYPE B
- 2 UN INLET, TYPE E
- 2 UN MANHOLE, 4' DIAMETER
- 35 SY CONCRETE SIDEWALK, 4" THICK
- 4 SY CONCRETE DRIVEWAY, REINFORCED, 6" THICK
- 2 SY DETECTABLE WARNING SURFACE
- 5 SY CONCRETE VALLEY GUTTER
- 8 LF 9" X 18" CONCRETE VERTICAL CURB
- 67 LF 9" X 18" CONCRETE VERTICAL CURB WITH GUTTER
- 100 SF TRAFFIC MARKINGS, THERMOPLASTIC
- 7 SF REGULATORY AND WARNING SIGN
- 1 UN RESET SIGN, NEW BREAKAWAY SUPPORTS
- 1 UN RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING
- 13 SY TOPSOILING, 4" THICK
- 13 SY FERTILIZING AND SEEDING, TYPE 'G'
- 13 SY STRAW MULCHING

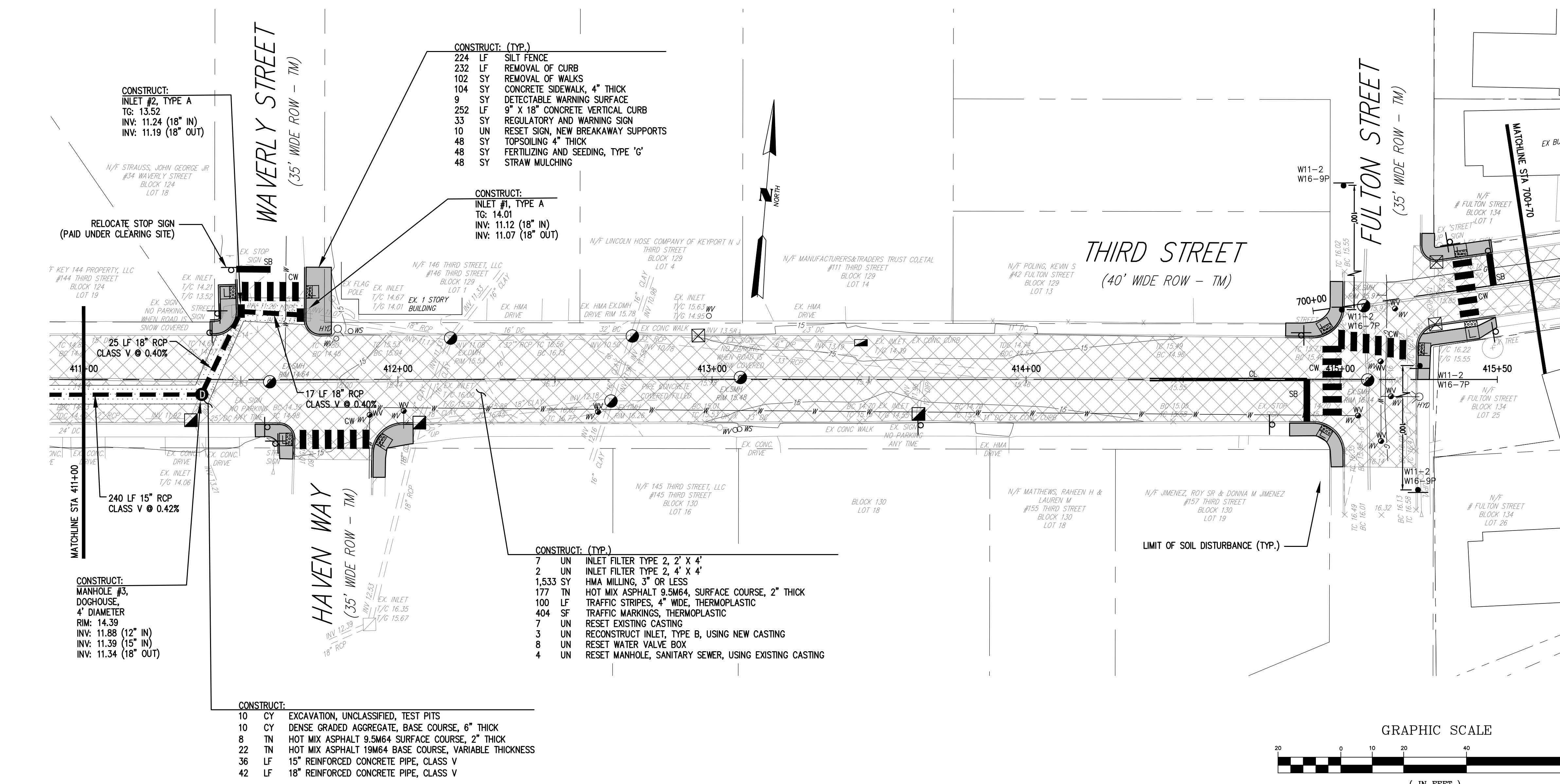


6.	REVISED STORM @ WARREN/MANCHESTER; SIGNAGE ON 3RD @ ATLANTIC	12/30/19	MZ	TT
5.	REVISED 3RD ST STORM SEWER PER TEST PITS	12/12/19	MZ	TT
4.	REVISED PER COUNTY ENGINEERING COMMENTS	11/14/19	MZ	TT
2	REVISED INVERTS DUE TO CONFLICTS	9/30/2019	ZMJ	TT
1	REVISED SIGNAGE	9/5/2019	ZMJ	TT
No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED
BOROUGH OF KEYPORT MONMOUTH COUNTY, NEW JERSEY 2019 ROAD IMPROVEMENT PROGRAM CONTRACT 'A' CONSTRUCTION AND SOIL EROSION AND SEDIMENT CONTROL PLAN - WARREN STREET AND MANCHESTER AVENUE				
3141 BORDENTOWN AVENUE, PARLIN, NEW JERSEY 08859 7341 1104				
JOHN H. ALLGAR, P.E., P.P.	DAVID J. SAMUEL, P.E., P.P.	JOHN J. STEFANI, P.E., L.S. & P.P.		
(1983-2001)	(1983-2001)	(1983-2001)		
JAY B. CORNELL, P.E., P.P.	MICHAEL J. MCCLELLAND, P.E., P.P.	GREGORY R. VALES, P.E., P.P.		
(1983-2001)	(1983-2001)	(1983-2001)		
GREGORY R. VALES, P.P.			SCALE	1"=20'
NEW JERSEY PROFESSIONAL ENGINEER			DESIGNED BY	ZMJ
N.J. LIC. 34458			CHECKED BY	TJT
			DATE	AUG 2019
			SHEET	11 OF 29
			THE NO.	KP609
			THIRD CONST 2	KP609-ThirdStreetBase



- CONSTRUCT: (TYP.)
- 3 UN INLET FILTER TYPE 2, 2' X 4'
 - 1,643 SY HMA MILLING, 3" OR LESS
 - 160 TN HOT MIX ASPHALT 9.5M64, SURFACE COURSE, 2" THICK
 - 124 SF TRAFFIC MARKINGS, THERMOPLASTIC
 - 1 UN RESET EXISTING CASTING
 - 3 UN RESET WATER VALVE BOX
 - 1 UN RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING

- CONSTRUCT (STA. 406+00 TO 415+40)
- 294 LF SILT FENCE
 - 10 UN INLET FILTER TYPE 2, 2' X 4'
 - 2 UN INLET FILTER TYPE 2, 4' X 4'
 - 295 LF REMOVAL OF CURB
 - 127 SY REMOVAL OF WALKS
 - 20 CY EXCAVATION, UNCLASSIFIED, TEST PITS
 - 63 CY DENSE-GRADED AGGREGATE, BASE COURSE, 6" THICK
 - 3,176 SY HMA MILLING, 3" OR LESS
 - 383 TN HOT MIX ASPHALT SURFACE COURSE, 9.5M64, 2" THICK
 - 136 TN HOT MIX ASPHALT BASE COURSE, 19M64, VARIABLE THICKNESS
 - 445 LF 15" REINFORCED CONCRETE PIPE, CLASS V
 - 95 LF 18" REINFORCED CONCRETE PIPE, CLASS V
 - 20 LF 14" DIP
 - 2 UN INLET, TYPE A
 - 1 UN INLET, TYPE B
 - 1 UN INLET, TYPE E
 - 2 UN MANHOLE, 4' DIAMETER
 - 1 UN MANHOLE, DOGHOUSE, 4' DIAMETER
 - 8 UN RECONSTRUCT INLET, TYPE B, USING NEW CASTING
 - 3 UN CONCRETE SIDEWALK, 4" THICK
 - 129 SY DETECTABLE WARNING SURFACE
 - 11 SY 9" X 18" CONCRETE VERTICAL CURB
 - 312 LF 9" X 18" CONCRETE VERTICAL CURB WITH GUTTER
 - 3 LF 9" X 18" CONCRETE VERTICAL CURB WITH GUTTER
 - 100 LF TRAFFIC STRIPES, 4" WIDE, THERMOPLASTIC
 - 528 SF TRAFFIC MARKINGS, THERMOPLASTIC
 - 33 SF REGULATORY AND WARNING SIGN
 - 15 UN RESET SIGN, NEW BREAKAWAY SUPPORTS
 - 11 UN RESET WATER VALVE BOX
 - 5 UN RESET MANHOLE, SANITARY SEWER, USING EXISTING CASTING
 - 64 SY TOPSOLING, 4" THICK
 - 64 SY FERTILIZING AND SEEDING, TYPE 'G'
 - 64 SY STRAW MULCHING



STORM vs. SANITARY CROSSING TABULATIONS		
CROSSING NUMBER	CLEARANCE	REMARKS
1	0.19'	CONC. CRADLE
2	0.13'	CONC. CRADLE
3	2.53'	O.K.
4	0.51'	STONE ENCASMENT
STORM vs. GAS CROSSING TABULATIONS		
CROSSING NUMBER	CLEARANCE	REMARKS
1	0.65'	STONE ENCASMENT
2	0.56'	STONE ENCASMENT
3	0.10'	CONC. CRADLE
4	0.20'	CONC. CRADLE
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5.	REVISED 3RD ST STORM SEWER PER TEST PITS	12/12/19	MZ	TT
2	REVISED INVERTS DUE TO CONFLICTS	9/30/2019	ZMJ	TT
1	REVISED SIGNAGE	9/5/2019	ZMJ	TT
No.	DESCRIPTION OF REVISION	DATE	DRAWN	CHECKED

BOROUGH OF KEYPORT
MONMOUTH COUNTY, NEW JERSEY

2019 ROAD IMPROVEMENT PROGRAM

CONTRACT 'A'

CONSTRUCTION AND SOIL EROSION AND SEDIMENT CONTROL
PLAN - THIRD STREET - STATION 406+00 TO 415+50

CME ASSOCIATES
CONSULTING AND MUNICIPAL ENGINEERS
3141 BORDENTOWN AVENUE, PARLIN, NEW JERSEY 08859 — 1460 ROUTE 9 SOUTH, HOWELL, NEW JERSEY 07731-1104

JOHN H. ALGAR P.E., P.P. (1983 - 2001) NJ P.E. LIC. NO. 2488	DAVID J. SAMUEL P.E., P.P. NJ P.E. LIC. NO. 2488	JOHN J. STEFANI P.E., L.S. & P.P. NJ P.E. LIC. NO. 24271
JAY B. CORNELL P.E., P.P. NJ P.E. LIC. NO. 32962	MICHAEL J. MCCLELLAND P.E., P.P. NJ P.E. LIC. NO. 32442	GREGORY R. VALES P.E., P.P. NJ P.E. LIC. NO. 34458

GREGORY R. VALES P.E., P.P.

DESIGNED BY: *[Signature]* CHECKED BY: *[Signature]*

DATE: AUG 2019 SHEET: 12 OF 29

THIRD CONST 3
KP609-ThirdStreetBase
THE FILE: KP609

