

**SUMMARY OF QUANTITIES
CONSTRUCTION TYPE CODE 0005**

PAY ITEM	DESCRIPTION	QTY	UNIT
20101400	NITROGEN FERTILIZER NUTRIENT	31	LB
20101500	PHOSPHORUS FERTILIZER NUTRIENT	31	LB
20101600	POTASSIUM FERTILIZER NUTRIENT	31	LB
21101615	TOPSOIL FURNISH AND PLACE, 4"	1689	SY
25000100	SEEDING, CLASS 1	0.04	AC
25100630	EROSION CONTROL BLANKET	1689	SY
28000500	INLET AND PIPE PROTECTION	10	EA
35102000	AGGREGATE BASE COURSE, TYPE B, 8"	13	SY
35102200	AGGREGATE BASE COURSE, TYPE B, 10"	12	SY
35800100	PREPARATION OF BASE	9155	SY
40600275	BITUMINOUS MATERIALS (PRIME COAT)	20598	LB
40600290	BITUMINOUS MATERIALS (TACK COAT)	2060	LB
40603080	HMA BINDER COURSE, IL 19.0, N50	1053	TON
40604060	HMA SURFACE COURSE, IL 9.5, MIX "A" N50	1056	TON
42400100	PORTLAND CEMENT CONCRETE SIDEWALK, 4"	5247	SF
42400300	PORTLAND CEMENT CONCRETE SIDEWALK, 6"	417	SF
42400800	DETECTABLE WARNINGS	262	SF
44000100	PAVEMENT REMOVAL	25	SY
44000169	HMA SURFACE REMOVAL, 5"	9155	SY
44000500	COMBINATION CURB AND GUTTER REMOVAL	1822	FT
44000600	SIDEWALK REMOVAL	5664	SF
60255500	MANHOLES TO BE ADJUSTED	8	EA
60260100	INLETS TO BE ADJUSTED	4	EA
60266600	VALVE VAULTS TO BE ADJUSTED	6	EA
60603800	COMBINATION CURB AND GUTTER, TYB6.12	2207	FT
67100100	MOBILIZATION	1	LSUM
78000200	THERMOPLASTIC PAVEMENT MARKINGS - LINE, 4"	900	FT
78000400	THERMOPLASTIC PAVEMENT MARKINGS - LINE, 6"	1037	FT
78000600	THERMOPLASTIC PAVEMENT MARKINGS - LINE, 12"	888	FT
78000650	THERMOPLASTIC PAVEMENT MARKINGS - LINE, 24"	145	FT
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	1	LSUM
20033700	LONGITUDINAL JOINT SEALANT	2269	FT
20042300	PORTLAND CEMENT CONCRETE SIDEWALK CURB	603	FT

△ SPECIALTY ITEMS

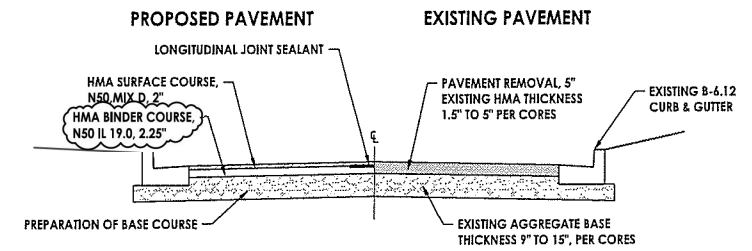
* SPECIAL PROVISIONS

PAVEMENT CORE DATA

APPROXIMATE STATION	HMA DEPTH	AGGREGATE DEPTH
102+10	5"	9"
103+90	3.5"	11"
105+75	3.5"	11.5"
109+15	4"	11"
112+60	2"	15"
114+20	2.5"	12.5"
115+60	3.5"	11.5"
117+50	2.5"	12.5"
118+90	3.5"	11.5"
120+50	1.5"	13.5"

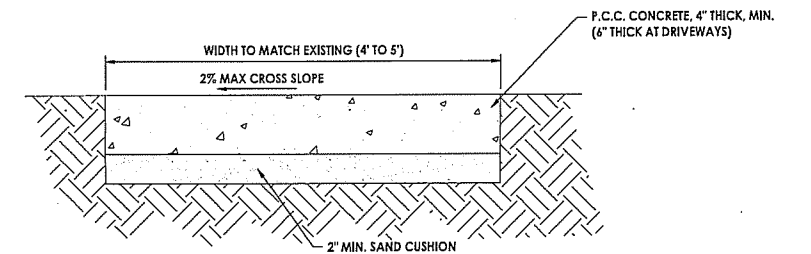
HMA MIXTURE REQUIREMENTS TABLE

HMA MIXTURE REQUIREMENT TABLE		
LOCATIONS:	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE	HMA BINDER
BINDER GRADE (PG):	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 9.5	IL 19.0
FRICTION AGGREGATE:	MIXTURE D	NA
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCQA	QCQA
SUBLOT SIZE:	NA	NA
DENSITY TEST METHOD:	LR 1030	LR 1030



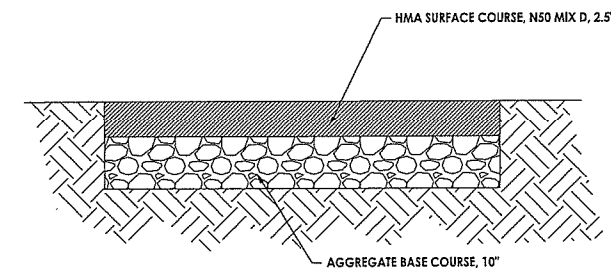
TYPICAL ROADWAY SECTION

N.T.S.
STA. 100+30 TO STA. 122+98



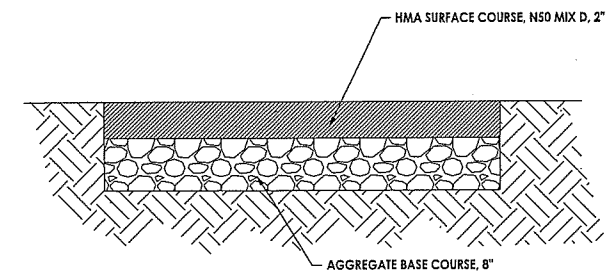
TYPICAL SIDEWALK SECTION

N.T.S.



TYPICAL ALLEY SECTION

N.T.S.



TYPICAL DRIVEWAY SECTION

N.T.S.



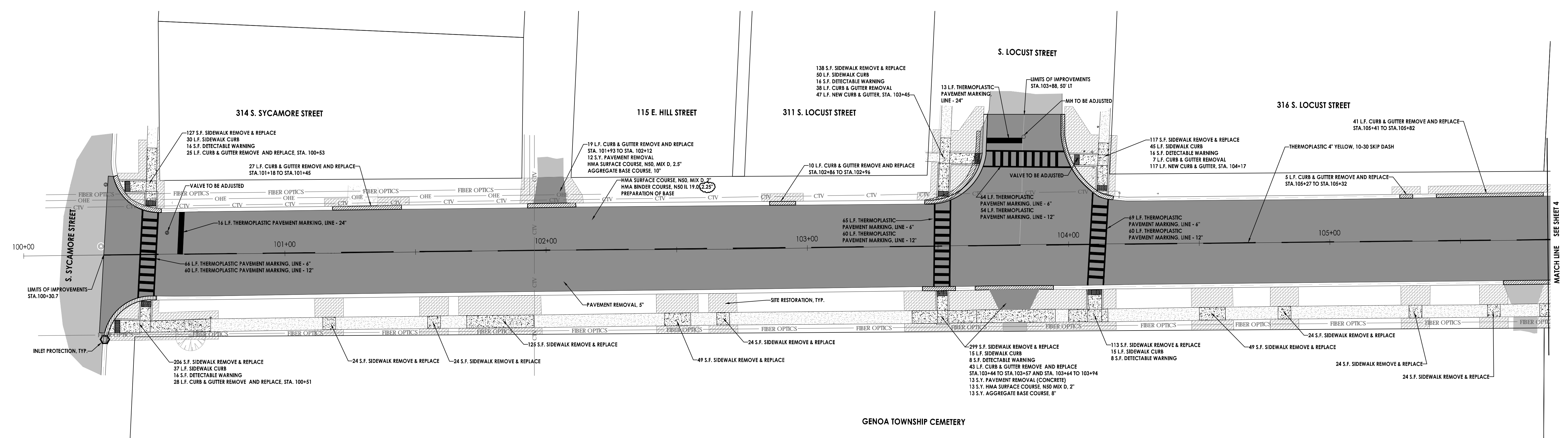
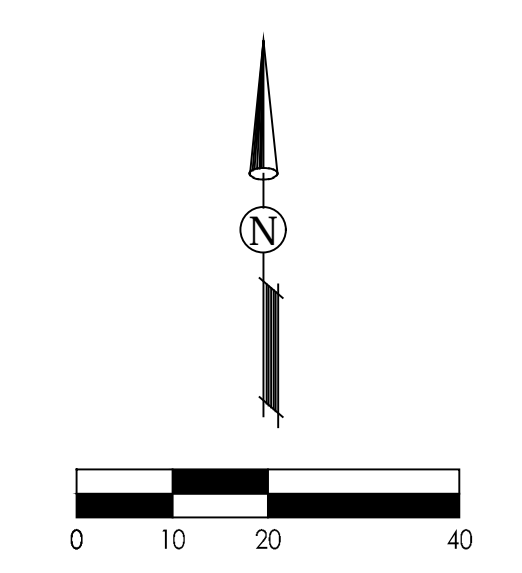
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
PHONE: (815) 547-8435, FAX: (815) 544-0421
ILLINOIS DESIGN FIRM NO. 184-001260

Date	Revision	By
12/21/20	PER I.D.O.T. REVIEW	SRK
1/21/21	PER I.D.O.T. REVIEW	SRK

QUANTITIES AND TYPICAL SECTIONS
EAST HILL STREET IMPROVEMENTS
CONTRACT NO.: 87765
SECTION 20-00041-00-RS

CHECKED BY: SRK	DRAWN BY: JSE
DATE: 11/12/20	DATE: 11/12/20

Sheet
2 of 12



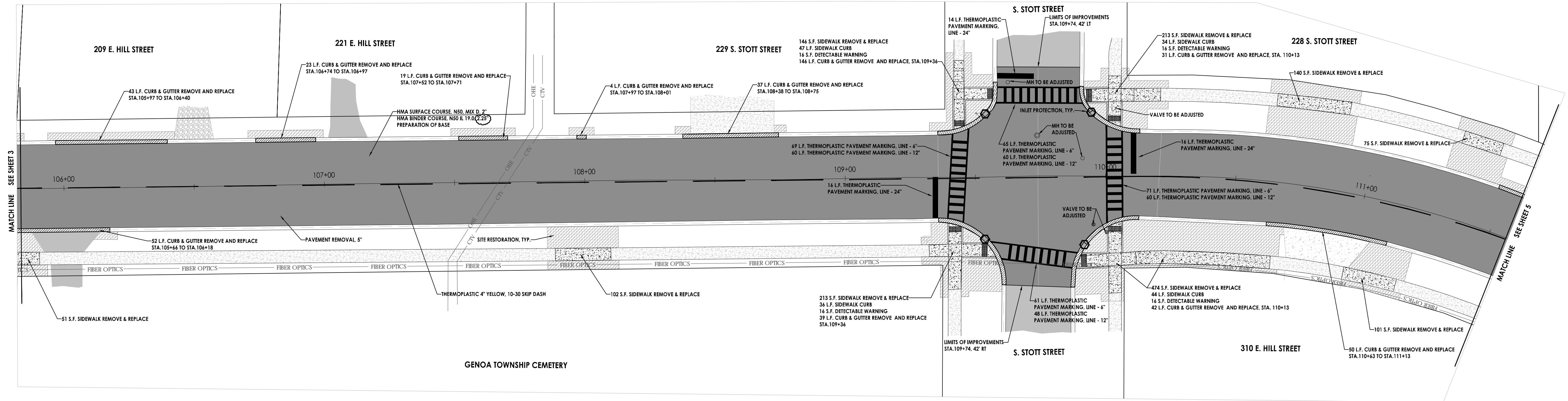
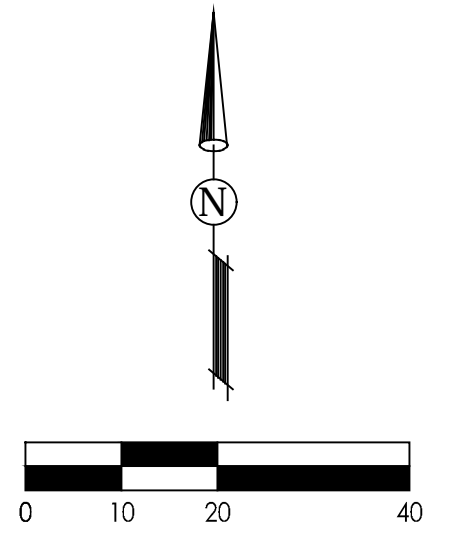
NOTES:

1. CONTRACTOR TO VERIFY EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES AT LOCATIONS OF CONFLICT. CONTRACTOR TO NOTIFY ENGINEER WITH ANY DISCREPANCIES.
2. ALL SIDEWALK RAMPS TO BE IN ACCORDANCE WITH ADA REQUIREMENTS.
3. SITE RESTORATION SHALL INCLUDE TOPSOIL FURNISH AND PLACE (4"), SEEDING (CLASS 1) AND EROSION CONTROL BLANKET. SITE RESTORATION SHOWN ON THIS SHEET IS 369 S.Y.

LEGEND	
	EXISTING HMA PAVEMENT
	EXISTING GRAVEL/SHOULDER
	EXISTING CONCRETE SIDEWALK
	PROPOSED HMA PAVEMENT
	PROPOSED SIDEWALK
	EXISTING CURB REMOVAL

C.E.S. INC.
 CIVIL ENGINEERING SERVICES
 700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
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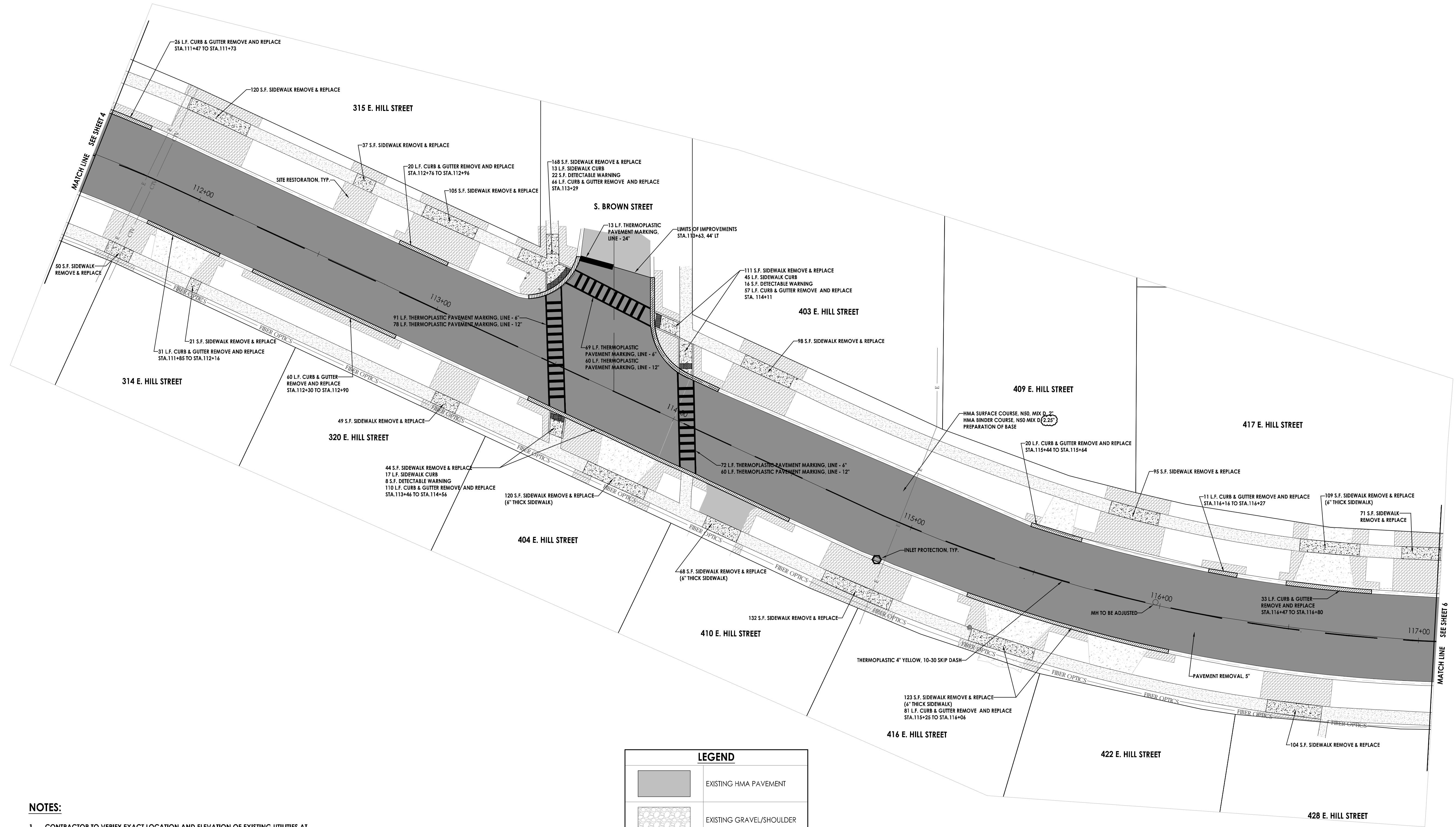
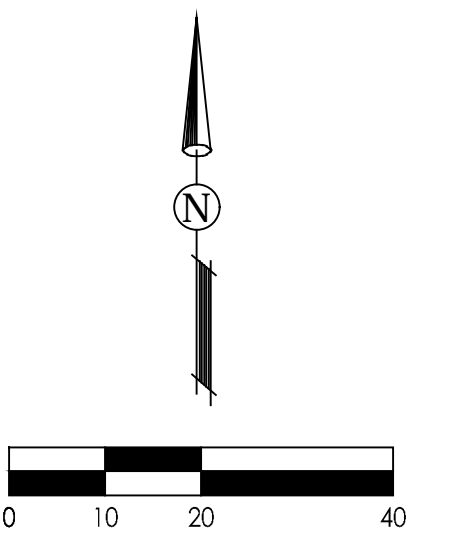
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Date	Revision	By
12/21/20	PER I.D.O.T. REVIEW	SRK
2/24/21	ADDENDUM #1	SRK
SITE IMPROVEMENT PLAN EAST HILL STREET IMPROVEMENTS CONTRACT NO.: 87765 SECTION 20-00041-00-RS		
CHECKED BY: SRK DATE: 11/12/20	DRAWN BY: JJS DATE: 11/12/20	Sheet 3 of 12



- NOTES:**
1. CONTRACTOR TO VERIFY EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES AT LOCATIONS OF CONFLICT. CONTRACTOR TO NOTIFY ENGINEER WITH ANY DISCREPANCIES.
 2. ALL SIDEWALK RAMPS TO BE IN ACCORDANCE WITH ADA REQUIREMENTS.
 3. SITE RESTORATION SHALL INCLUDE TOPSOIL FURNISH AND PLACE (4"), SEEDING (CLASS 1) AND EROSION CONTROL BLANKET. SITE RESTORATION SHOWN ON THIS SHEET IS 425 S.Y.

LEGEND	
	EXISTING HMA PAVEMENT
	EXISTING GRAVEL/SHOULDER
	EXISTING CONCRETE SIDEWALK
	PROPOSED HMA PAVEMENT
	PROPOSED SIDEWALK
	EXISTING CURB REMOVAL

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2/24/21	ADDENDUM #1	SRK
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DATE: 11/12/20	DATE: 11/12/20	



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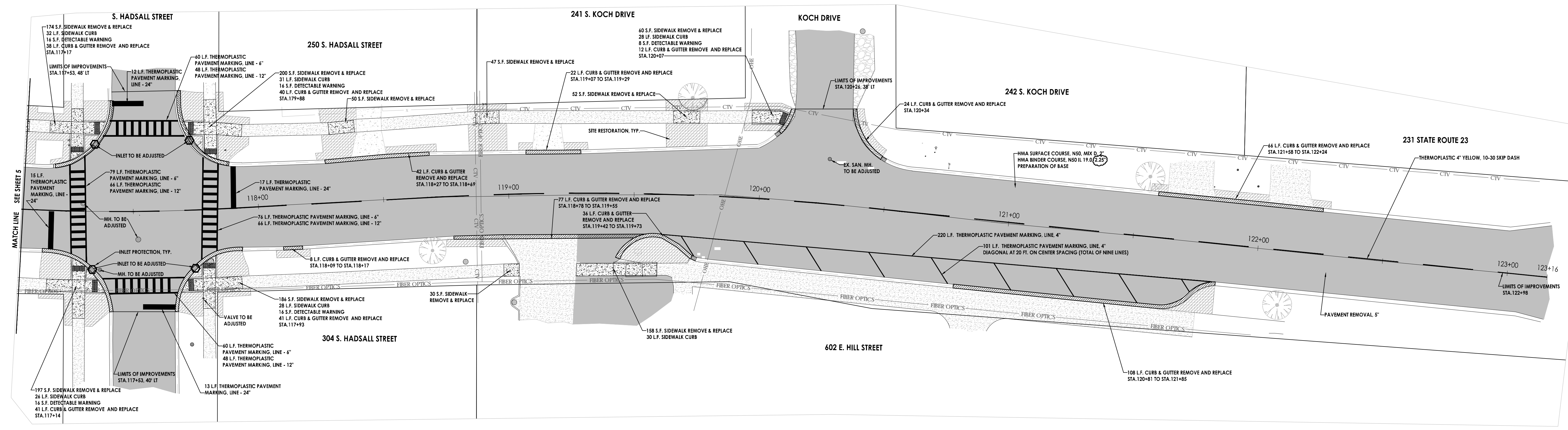
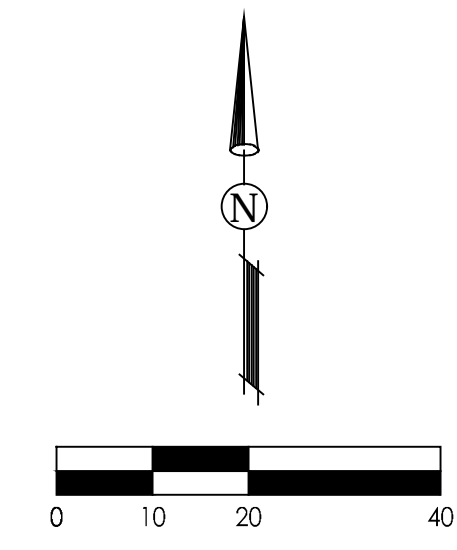
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2. ALL SIDEWALK RAMPS TO BE IN ACCORDANCE WITH ADA REQUIREMENTS.
3. SITE RESTORATION SHALL INCLUDE TOPSOIL FURNISH AND PLACE (4"), SEEDING (CLASS 1) AND EROSION CONTROL BLANKET. SITE RESTORATION SHOWN ON THIS SHEET IS 604 S.Y.

LEGEND	
	EXISTING HMA PAVEMENT
	EXISTING GRAVEL/SHOULDER
	EXISTING CONCRETE SIDEWALK
	PROPOSED HMA PAVEMENT
	PROPOSED SIDEWALK
	EXISTING CURB REMOVAL



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SITE IMPROVEMENT PLAN EAST HILL STREET IMPROVEMENTS CONTRACT NO.: 87765 SECTION 20-00041-00-RS		
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 3. SITE RESTORATION SHALL INCLUDE TOPSOIL FURNISH AND PLACE (4\"), SEEDING (CLASS 1) AND EROSION CONTROL BLANKET. SITE RESTORATION SHOWN ON THIS SHEET IS 291 S.Y.

LEGEND	
	EXISTING HMA PAVEMENT
	EXISTING GRAVEL/SHOULDER
	EXISTING CONCRETE SIDEWALK
	PROPOSED HMA PAVEMENT
	PROPOSED SIDEWALK
	EXISTING CURB REMOVAL

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