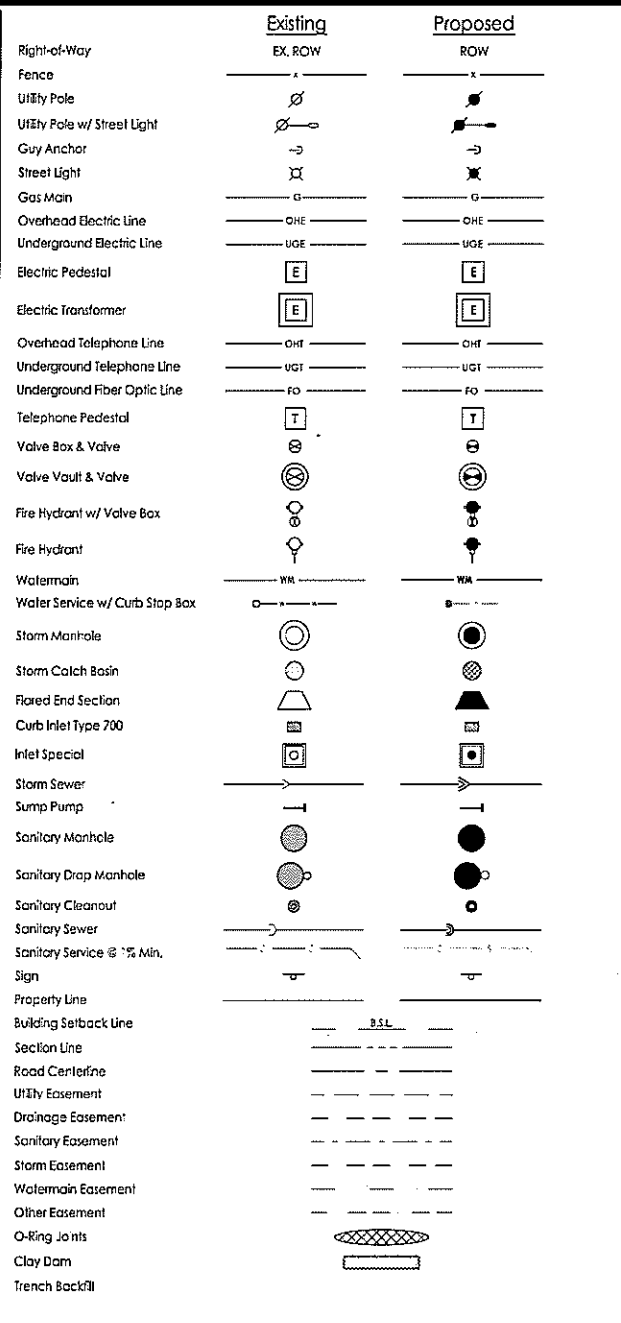


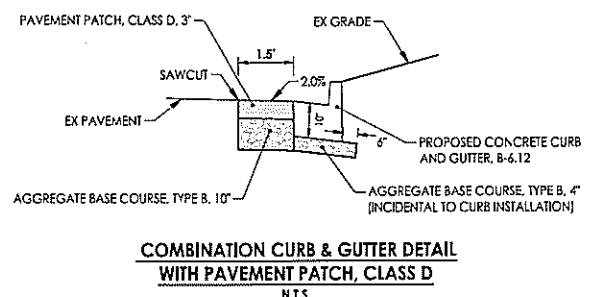
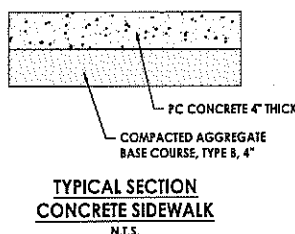
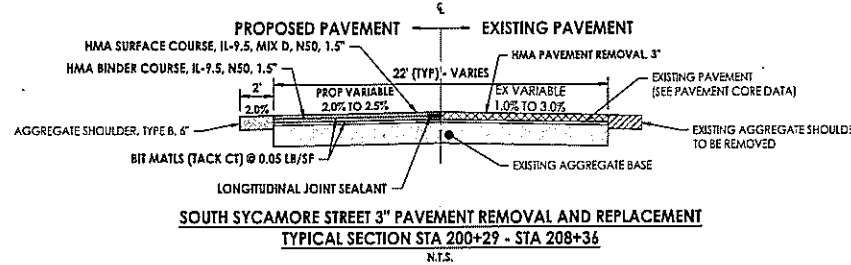
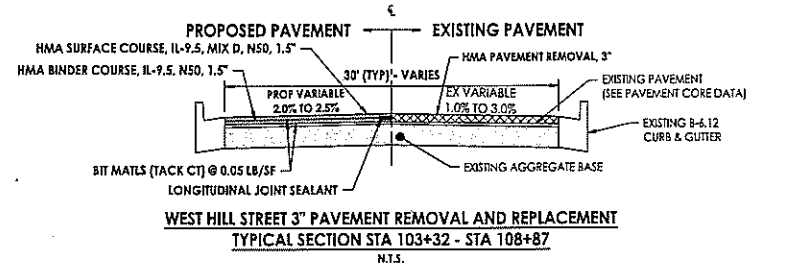
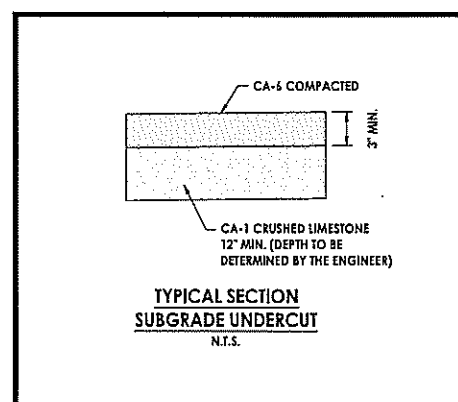
AGENCY CONTACT	STATUS
Gas Company Ncor Gas Anna Tran (630) 388-2362	NKI
Telephone Frontier Communications Karin Hinzow (815) 443-1515	NKI
Fiber Optics 1 DeKala Fiber Optic, LLC Roger Engel (630) 463-6331	NKI
Fiber Optics 2 Meto FiberNet, LLC Kara Neils (815) 213-1378	NKI
Cable TV	NKI
Electric Comed (630) 576-7374	NKI
Regional Pipeline	NKI
Other Overheads Charter Communications Alan Zarnick (608) 373-7540	NKI
Other Undergrounds Windstream KDJ/McLeod USA (800) 287-1901	NKI
Railroads	NKI
ACOE - Wetlands	NKI
Natural Land Institute	NKI
IL Nature Preserve Commission	NKI
IFPA Sanitary	NKI
IFPA Water	NKI
IFPA NCI	NKI
IDNR - Endangered Species	NKI
IDNR-OWK	NKI
IFWA (Road Zones)	NKI
IFPO (Pistons)	NKI
Local Sanitary District	NKI
Municipal Water Department	NKI
Local Drainage District	NKI
Tollway	NKI
County Highway Dept	NKI
County Stormwater Agency	NKI
Watership City of Genoa Paul Naugle (815) 443-4331	NKI
Municipal - Engineering	NKI
Municipal - Planning City of Genoa Paul Naugle (815) 443-4331	NKI
Local Fire Dept.	NKI
Final Plat Approval	NKI
Park District/Forest Preserve	NKI
IDOT - Access & Traffic	NKI
IDOT - Drainage	NKI
IDOT - Utilities	NKI
IDOT - Landscaping	NKI
IDOT - Local Roads	NKI
SAWCD/RINGS	NKI



PAVEMENT CORE DATA		
APPROXIMATE STATION	HMA DEPTH	AGGREGATE DEPTH
102+04	3.5"	12"
102+41	6.5"	6.5" (OVER 6" T.B.)
105+97	4"	6" (OVER 6" T.B.)
106+66	3.5"	10.5"
107+58	4"	6.5" (OVER 6" T.B.)
201+65	6.5"	6"
207+30	3.5"	12"

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

SUMMARY OF QUANTITIES						
SPECIALTY	ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	W. HILL ST.	S. SYCAMORE ST.
	28000500	INLET AND PIPE PROTECTION	EACH	11	10	1
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CUYD	141	79	62
	35102200	AGGREGATE BASE COURSE, TYPE B 10"	SQYD	14	14	0
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5086	2822	2264
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	1897	1001	896
	40600990	TEMPORARY RAMP	SQYD	572	229	343
	40602978	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	475	263	212
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	475	263	212
	42400800	DETECTABLE WARNINGS	SQFT	40	16	24
	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQYD	5685	3149	2536
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	74	74	0
	44000600	SIDEWALK REMOVAL	SQFT	518	308	210
	44201682	CLASS D PATCHES, TYPE II, 3 INCH	SQYD	14	14	0
	48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQYD	313	313	0
	60255500	MANHOLES TO BE ADJUSTED	EACH	5	5	0
	60265700	VALVE VAULTS TO BE ADJUSTED	EACH	7	6	1
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	73	73	0
	67100100	MOBILIZATION	LSUM	1	0.5	0.5
	72400205	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	0	1
	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQFT	75	0	75
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2889	165	2724
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	325	258	67
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	96	44	52
	X0326806	WASHOUT BASIN	LSUM	1	0.5	0.5
	X4240420	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH (SPECIAL)	SQFT	471	242	229
	X4404400	PAVEMENT REMOVAL (SPECIAL)	SQYD	20	0	20
	X4810200	AGGREGATE SHOULDER REMOVAL	CUYD	51	0	51
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1	0.5	0.5
	XX009588	SEEDING, COMPLETE	LSUM	1	0.4	0.6
	20048865	RAILROAD PROTECTIVE LIABILITY INSURANCE	LSUM	1	0	1



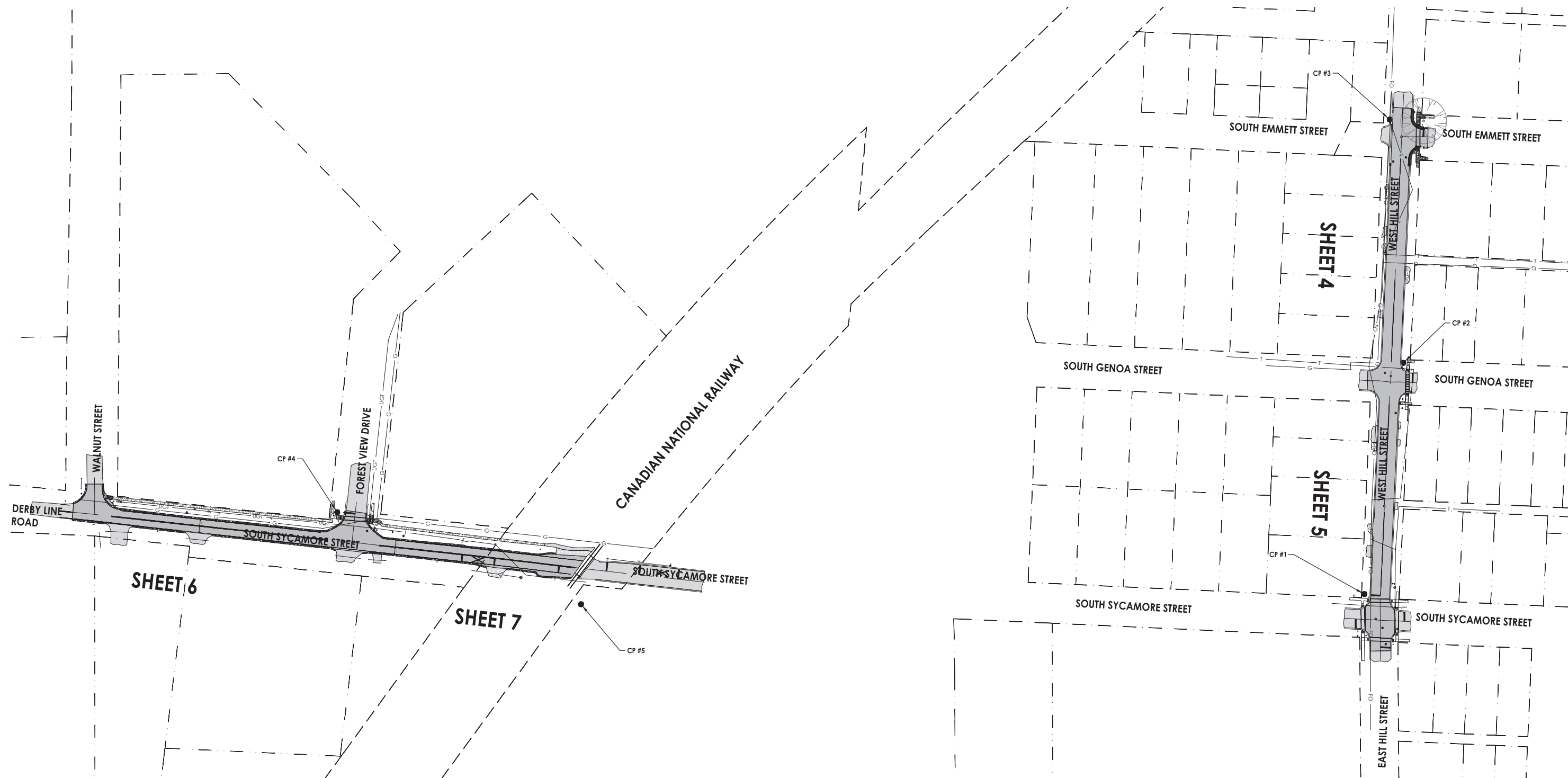
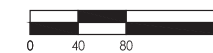
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Date	Revised	By

W. HILL ST. & S. SYCAMORE ST. IMPROVEMENTS
Quantities and Typical Sections

CHECKED BY: AZB	DRAWN BY: LMT	Sheet
DATE: 02/23/24	DATE: 02/23/24	2 of 11

CONTROL POINTS				
CP #	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	1976920.2790	886711.9710	844.59	CP SPIKE
2	1976981.7680	886348.2020	833.00	CP SPIKE
3	1976960.3055	885965.3617	824.92	CP SPIKE
4	1975304.1780	886583.1990	840.14	CP SPIKE
5	1975687.8260	886727.9860	850.22	CP MAG



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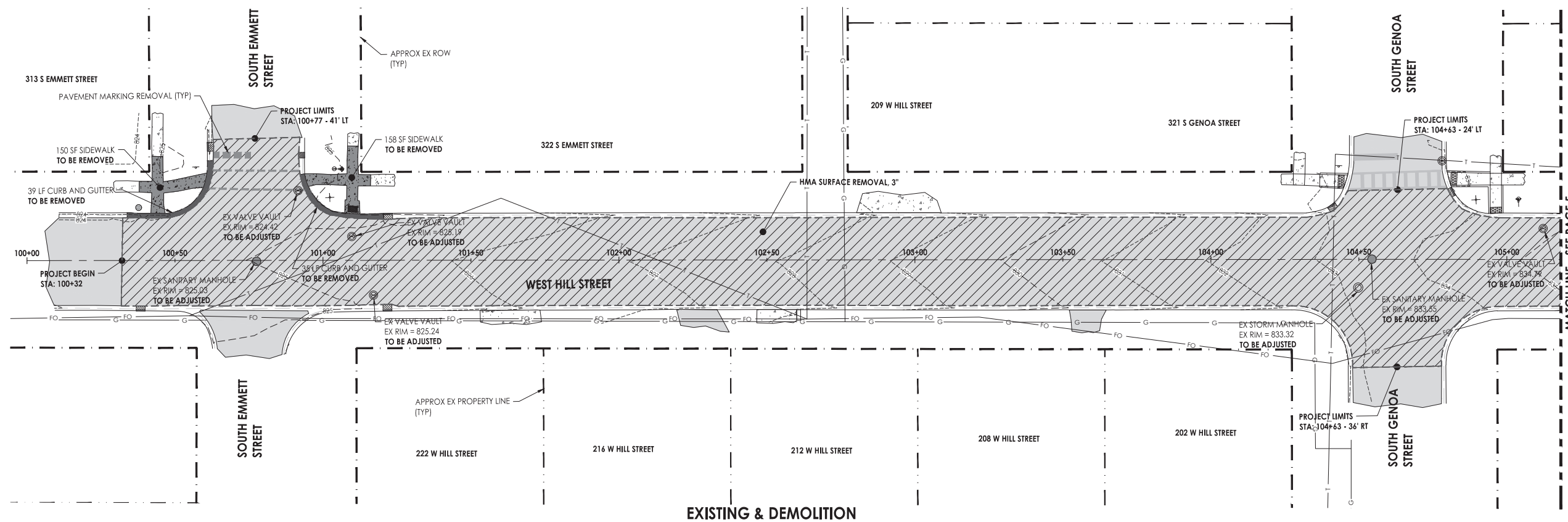
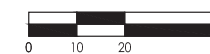
700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
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 ILLINOIS DESIGN FIRM NO. 184-001260

Date	Revision	By

W. HILL ST. & S. SYCAMORE ST. IMPROVEMENTS
 Overall Site Plan

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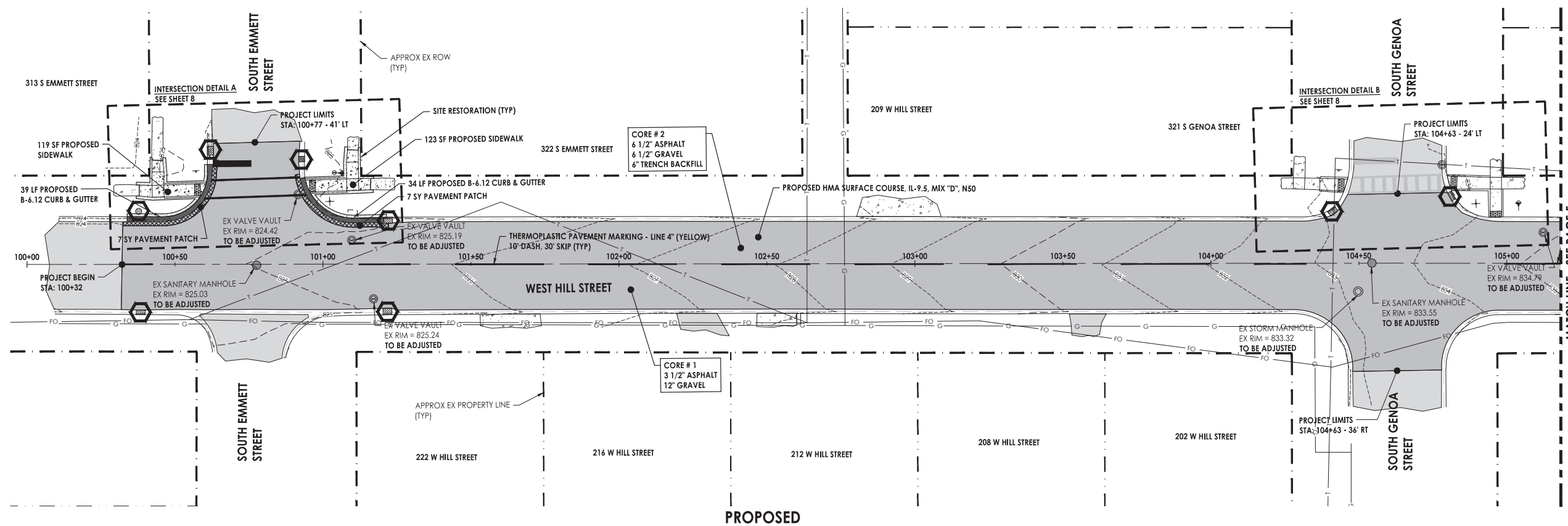


LEGEND

- EXISTING HMA PAVEMENT
- EXISTING CONCRETE SURFACE
- REMOVE HMA PAVEMENT
- REMOVE CONCRETE SURFACE
- REMOVE CURB AND GUTTER

MATCH LINE - SEE PAGE 5

EXISTING & DEMOLITION



LEGEND

- PROPOSED HMA PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED SITE RESTORATION
- PROPOSED PAVEMENT PATCH
- PROPOSED B6.12 CURB & GUTTER
- INLET PROTECTION

MATCH LINE - SEE PAGE 5

PROPOSED

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 1A) AND EROSION CONTROL BLANKET.
4. A TEMPORARY RAMP WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAIL" SHEET INCLUDED IN THE PLANS.



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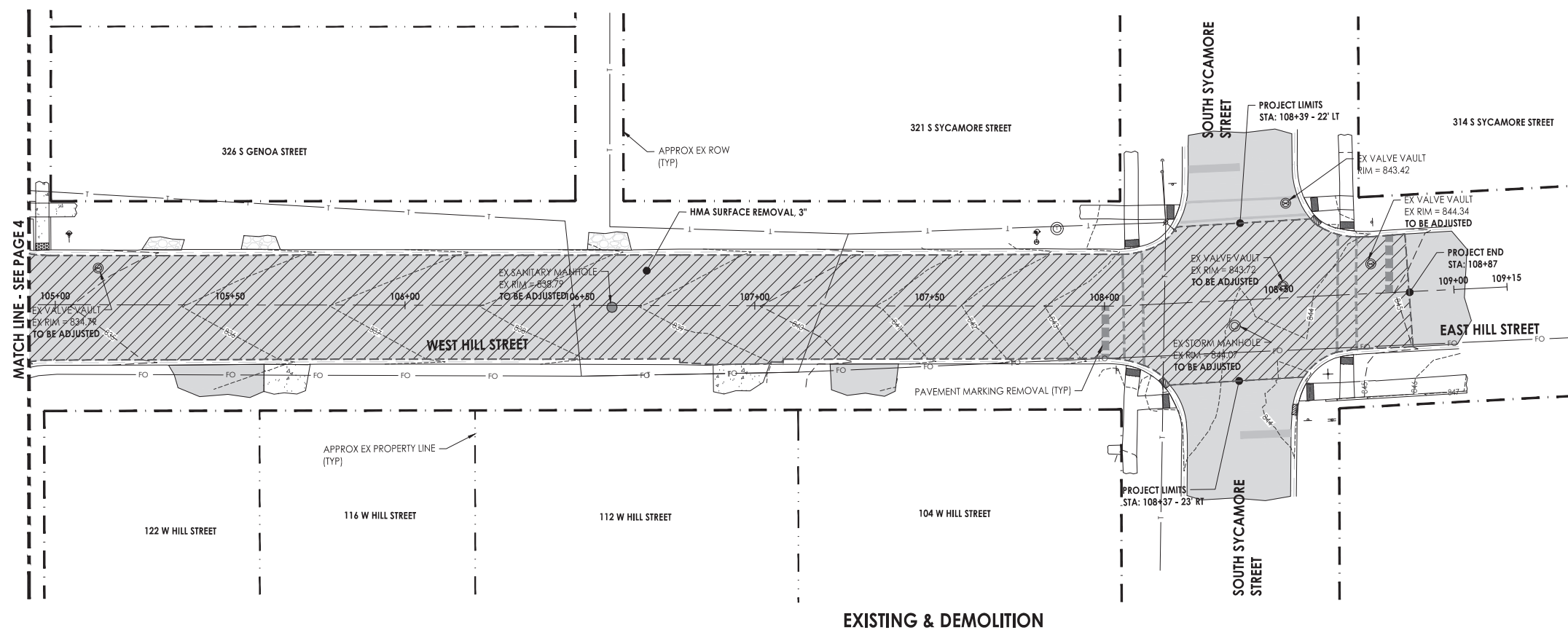
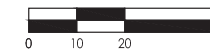
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Date	Revision	By

W. HILL ST. & S. SYCAMORE ST. IMPROVEMENTS
 Hill Street
 Sta. 100+00 to Sta. 105+00

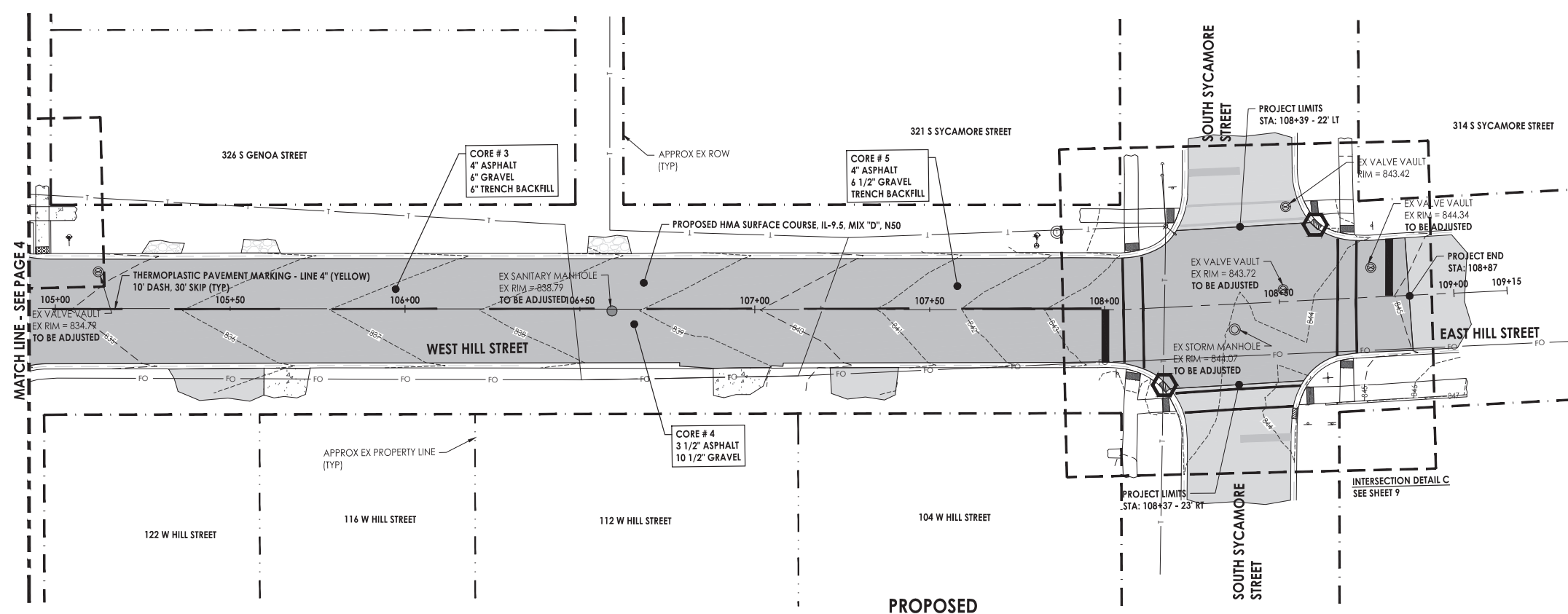
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LEGEND

	EXISTING HMA PAVEMENT
	EXISTING CONCRETE SURFACE
	EXISTING AGGREGATE
	REMOVE HMA PAVEMENT
	REMOVE CONCRETE SURFACE
	REMOVE CURB AND GUTTER



LEGEND

	EXISTING HMA PAVEMENT
	PROPOSED HMA PAVEMENT
	PROPOSED SIDEWALK
	INLET PROTECTION

NOTES:

- CONTRACTOR TO VERIFY EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES AT LOCATIONS OF CONFLICT. CONTRACTOR TO NOTIFY ENGINEER WITH ANY DISCREPANCIES.
- ALL SIDEWALK RAMPS TO BE IN ACCORDANCE WITH ADA REQUIREMENTS.
- SITE RESTORATION SHALL INCLUDE TOPSOIL FURNISH AND PLACE (6\"/>

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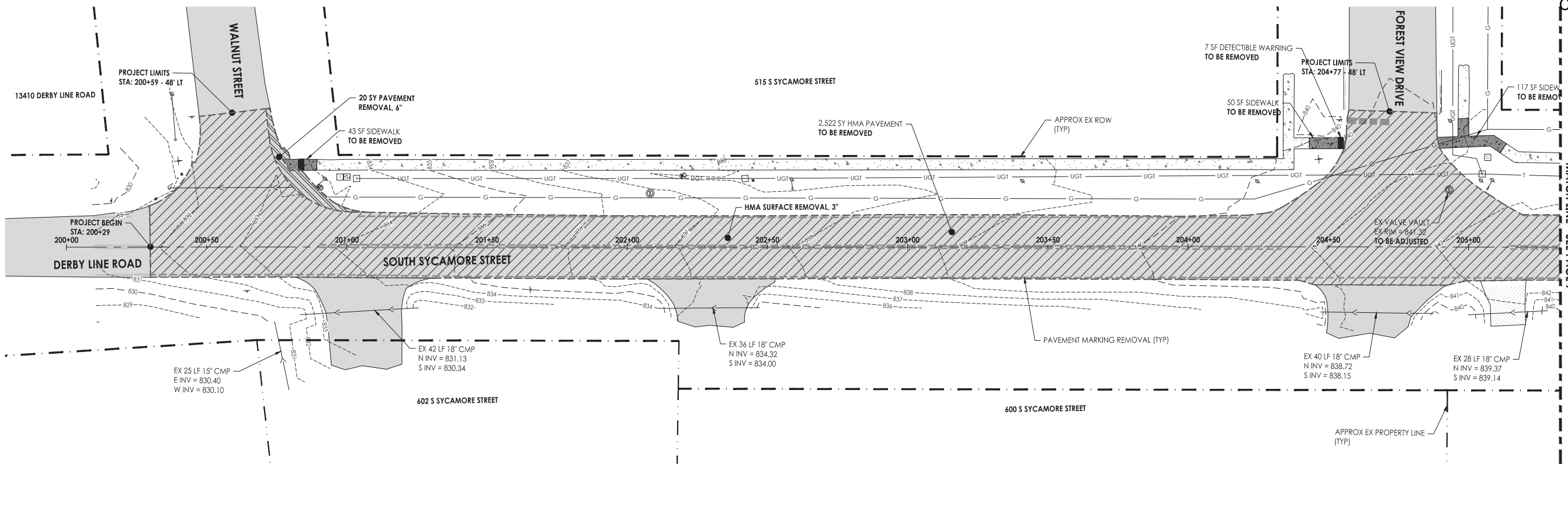
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Date	Revision	By

W. HILL ST. & S. SYCAMORE ST. IMPROVEMENTS
 Hill Street
 Sta. 105+00 to Sta. 109+15

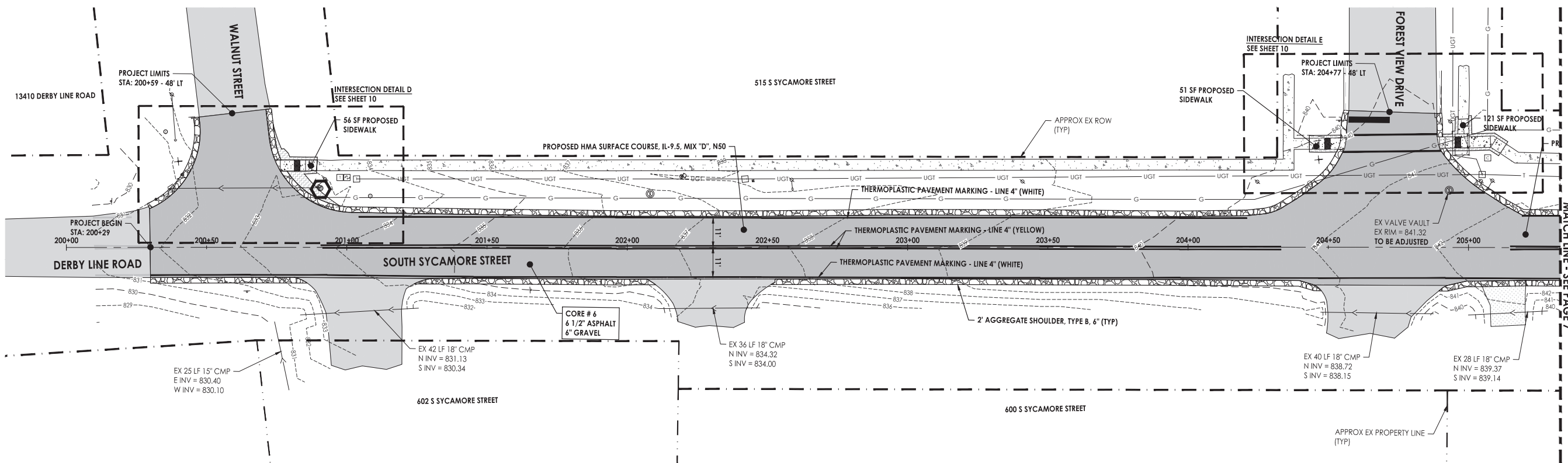
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LEGEND

- EXISTING HMA PAVEMENT
- EXISTING CONCRETE SURFACE
- REMOVE HMA PAVEMENT
- REMOVE CONCRETE SURFACE



LEGEND

- PROPOSED HMA PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED AGGREGATE SHOULDER, TYPE B, 6\"/>
- PROPOSED SITE RESTORATION
- INLET PROTECTION

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 (6\"/>
- 4. A TEMPORARY RAMP WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAIL" SHEET INCLUDED IN THE PLANS.

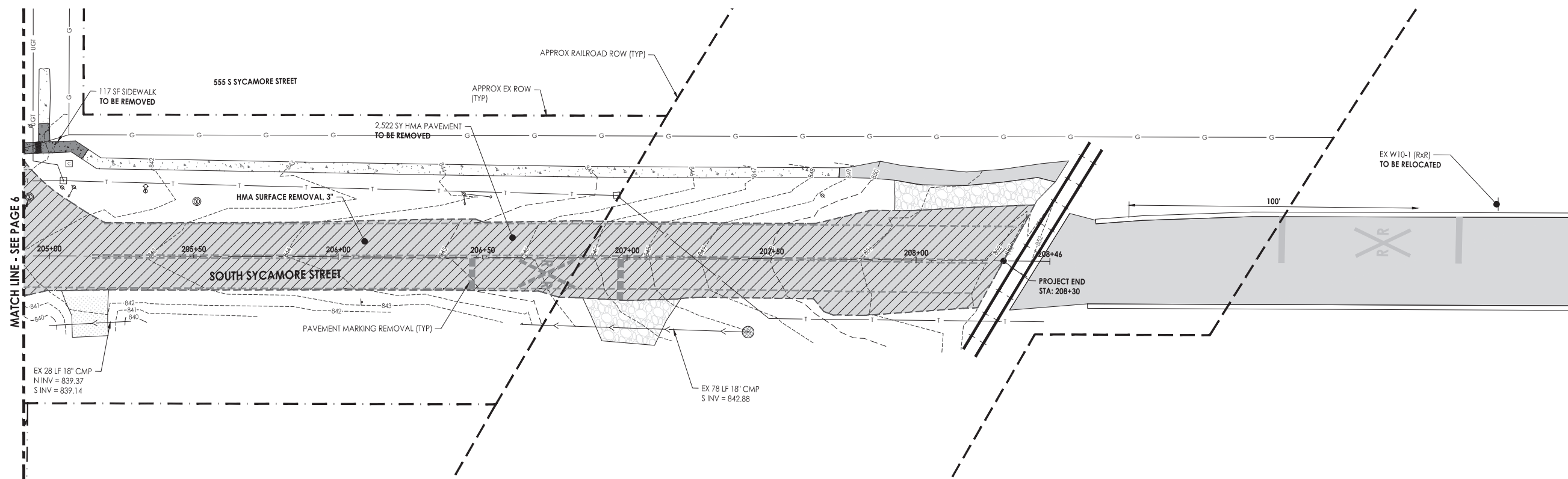
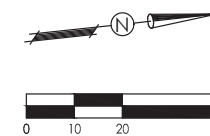
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Date	Revision	By

W. HILL ST. & S. SYCAMORE ST. IMPROVEMENTS
Sycamore Street
Sta. 200+00 to Sta. 205+00

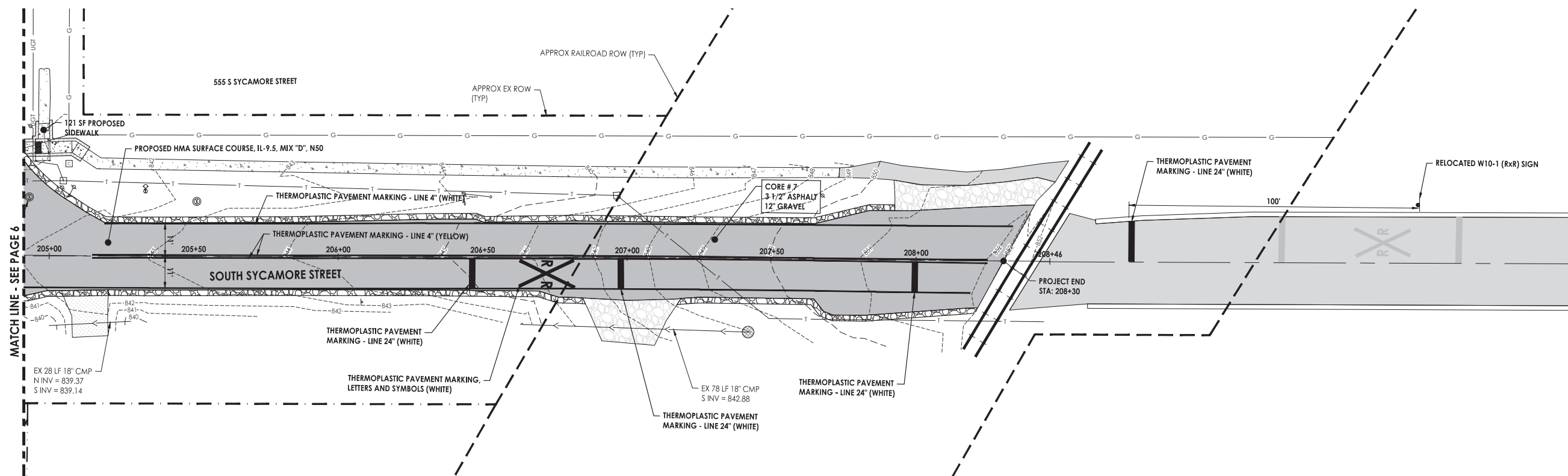
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LEGEND

- EXISTING HMA PAVEMENT
- EXISTING GRAVEL
- EXISTING CONCRETE SURFACE
- REMOVE HMA PAVEMENT
- REMOVE CONCRETE SURFACE



LEGEND

- PROPOSED HMA PAVEMENT
- PROPOSED SIDEWALK
- PROPOSED AGGREGATE SHOULDER, TYPE B, 6\"/>

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 (6\"/>



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Sycamore Street
Sta. 205+00 to Sta. 208+46

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NOTES:

- Ⓛ = LEVEL LANDING
- Ⓡ = RAMP
- Ⓣ = TRANSITION

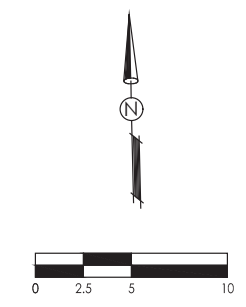
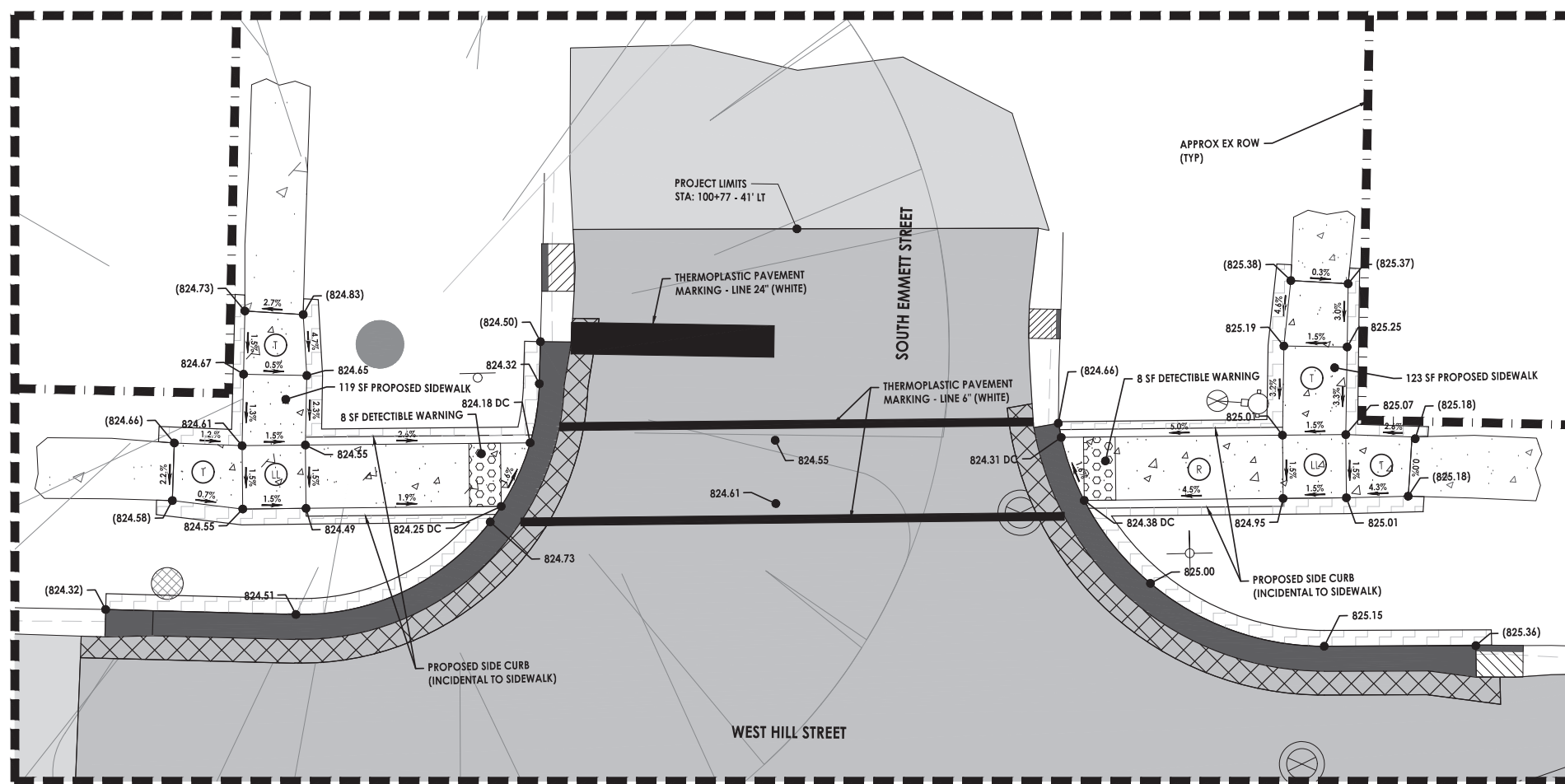
SIDEWALK IS 4' WIDE UNLESS OTHERWISE NOTED

(XXX.XX) = MATCH EXISTING GRADE
 XXX.XX = PROPOSED GRADE

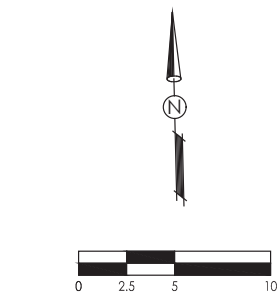
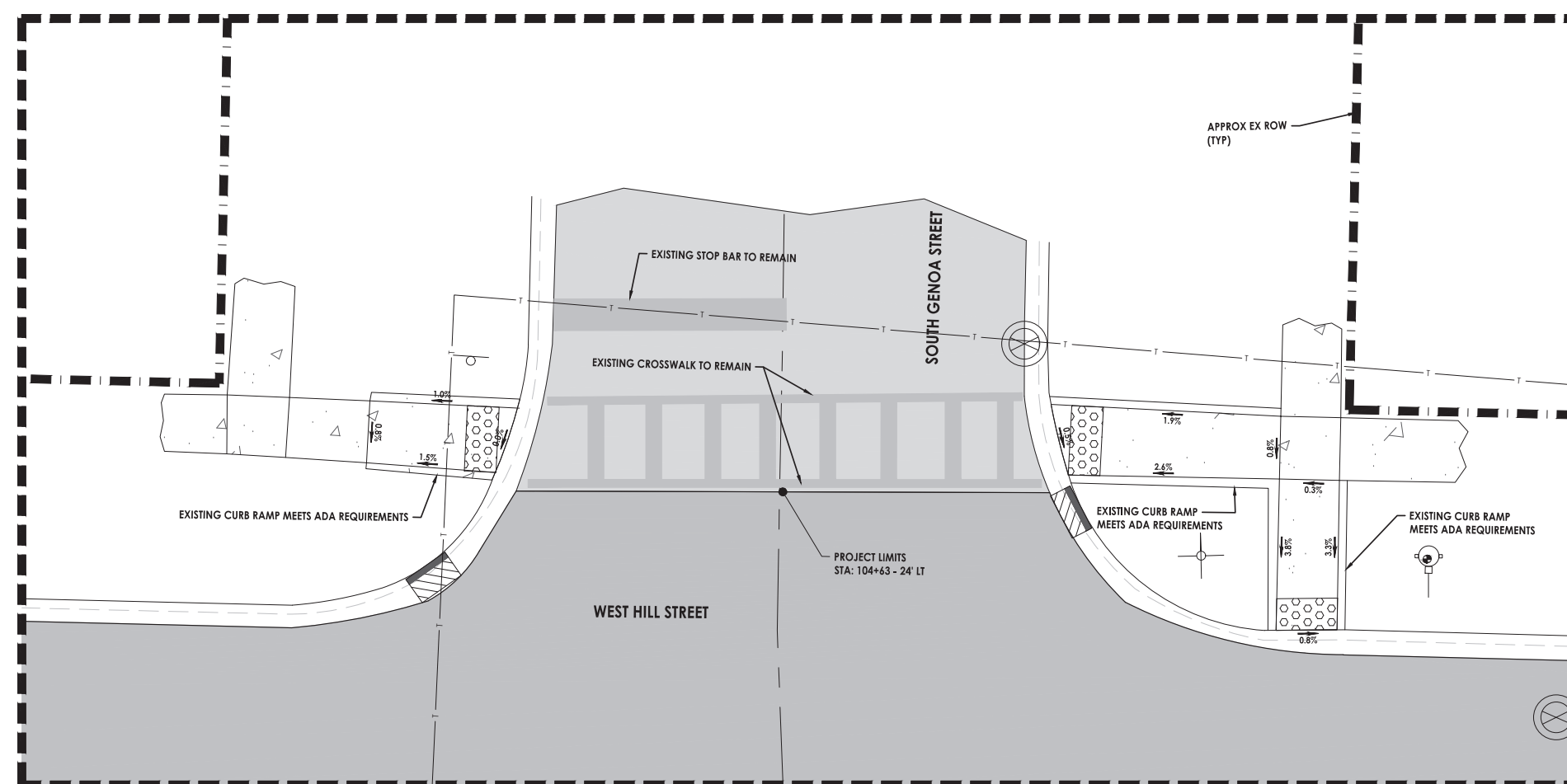
CONTRACTOR TO VERIFY EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES AT LOCATIONS OF CONFLICT. CONTRACTOR TO NOTIFY ENGINEER WITH ANY DISCREPANCIES.

ALL SIDEWALK RAMPS TO BE IN ACCORDANCE WITH ADA REQUIREMENTS.

DC = DEPRESSED CURB
 T/C = TOP OF CONCRETE



INTERSECTION DETAIL A



INTERSECTION DETAIL B

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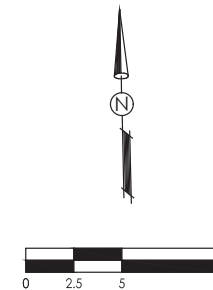
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Date	Revision	By

W. HILL ST. & S. SYCAMORE ST. IMPROVEMENTS
 Intersection Detail Plan
 Hill Street

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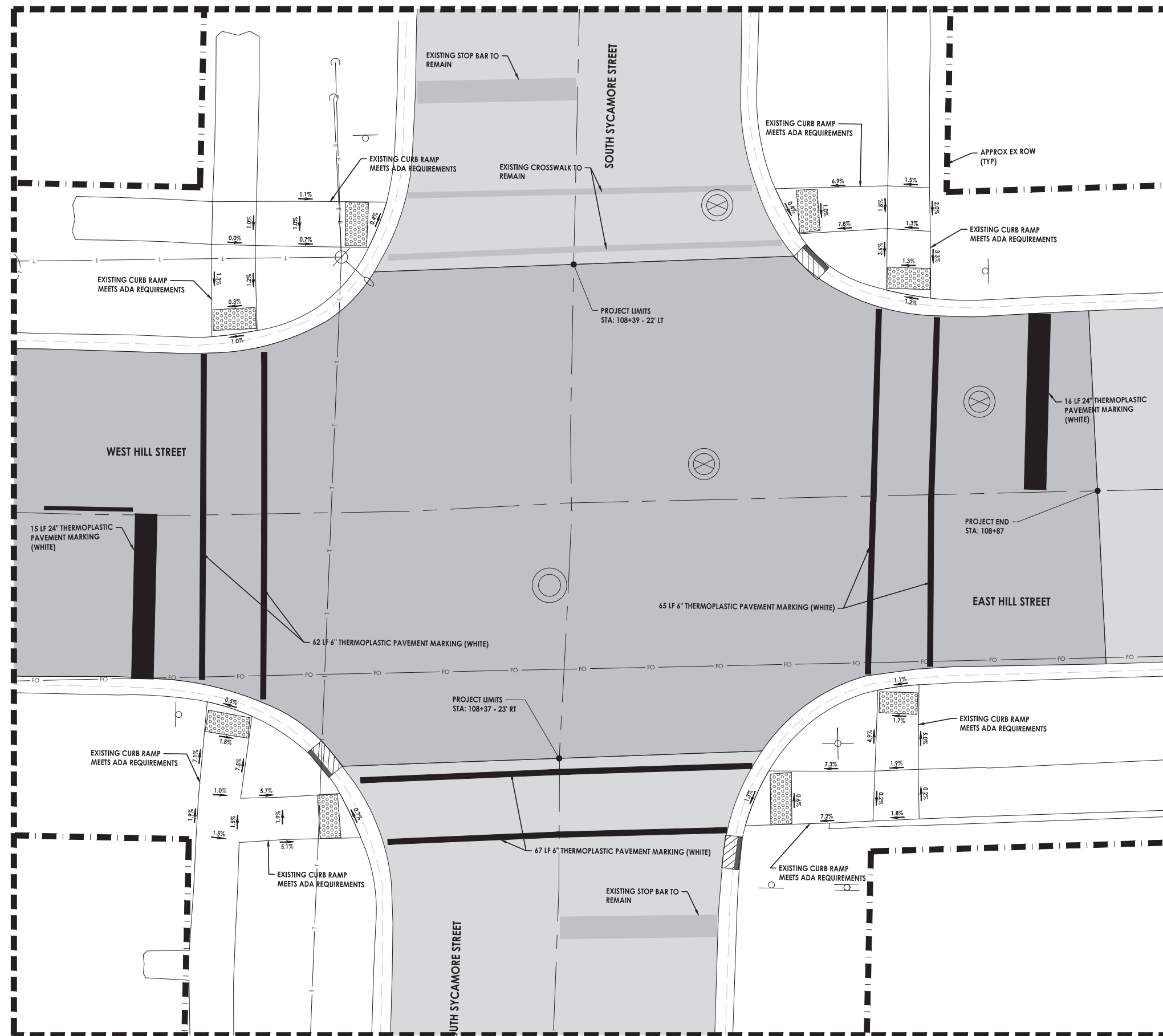
SIDEWALK IS 4' WIDE UNLESS OTHERWISE NOTED

(XXX.XX) = MATCH EXISTING GRADE
 XXX.XX = PROPOSED GRADE

CONTRACTOR TO VERIFY EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES AT LOCATIONS OF CONFLICT. CONTRACTOR TO NOTIFY ENGINEER WITH ANY DISCREPANCIES.

ALL SIDEWALK RAMPS TO BE IN ACCORDANCE WITH ADA REQUIREMENTS.

DC = DEPRESSED CURB
 T/C = TOP OF CONCRETE



INTERSECTION DETAIL C

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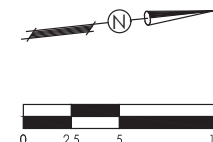
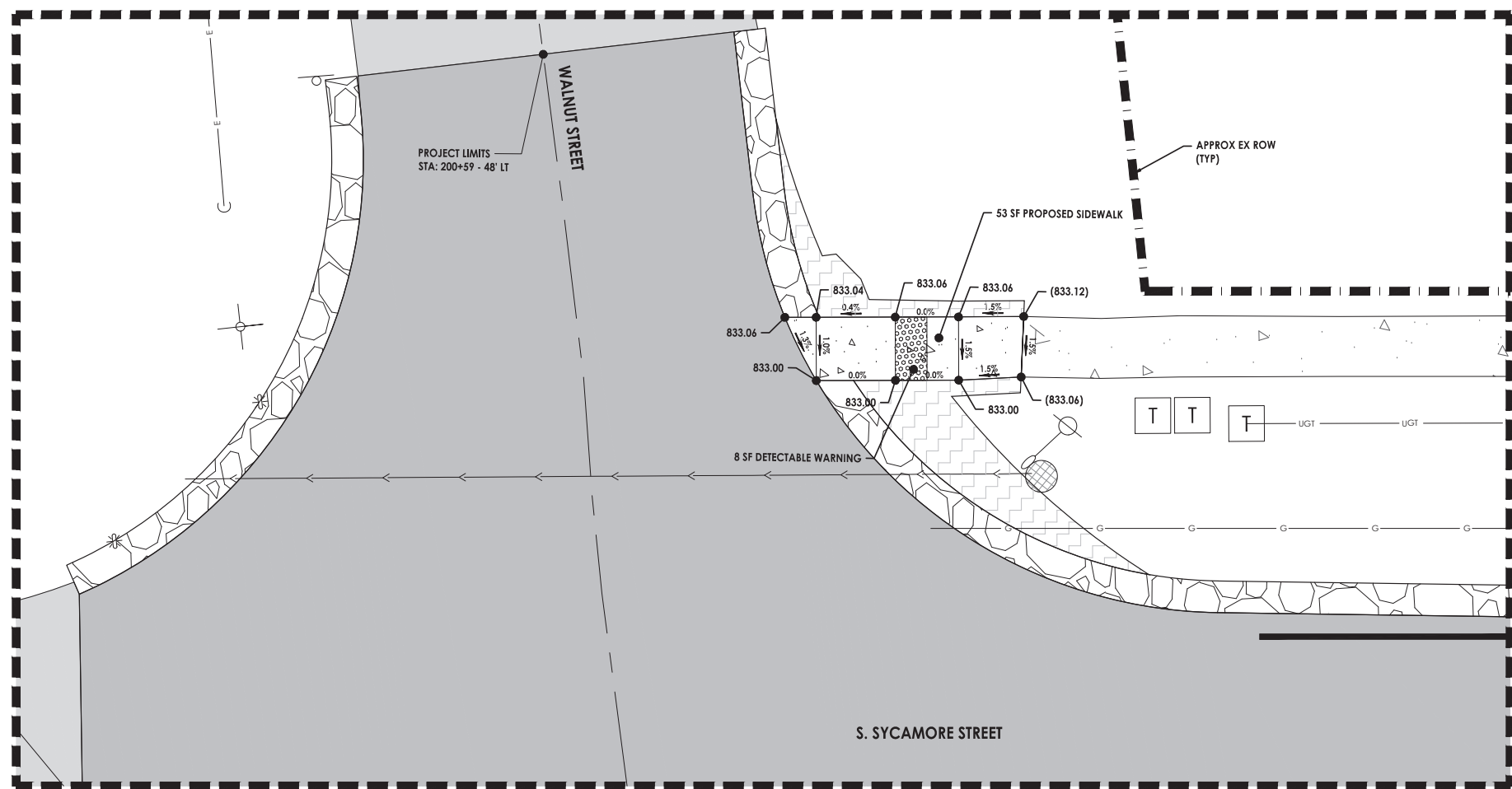
Date	Revision	By

W. HILL ST. & S. SYCAMORE ST. IMPROVEMENTS
 Intersection Detail Plan
 Hill Street

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DATE: 02/23/24	DATE: 02/23/24

Sheet
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NOTES:

- Ⓛ = LEVEL LANDING
- Ⓡ = RAMP
- Ⓣ = TRANSITION

SIDEWALK IS 4' WIDE UNLESS OTHERWISE NOTED

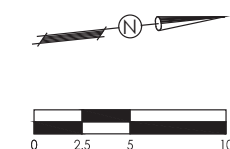
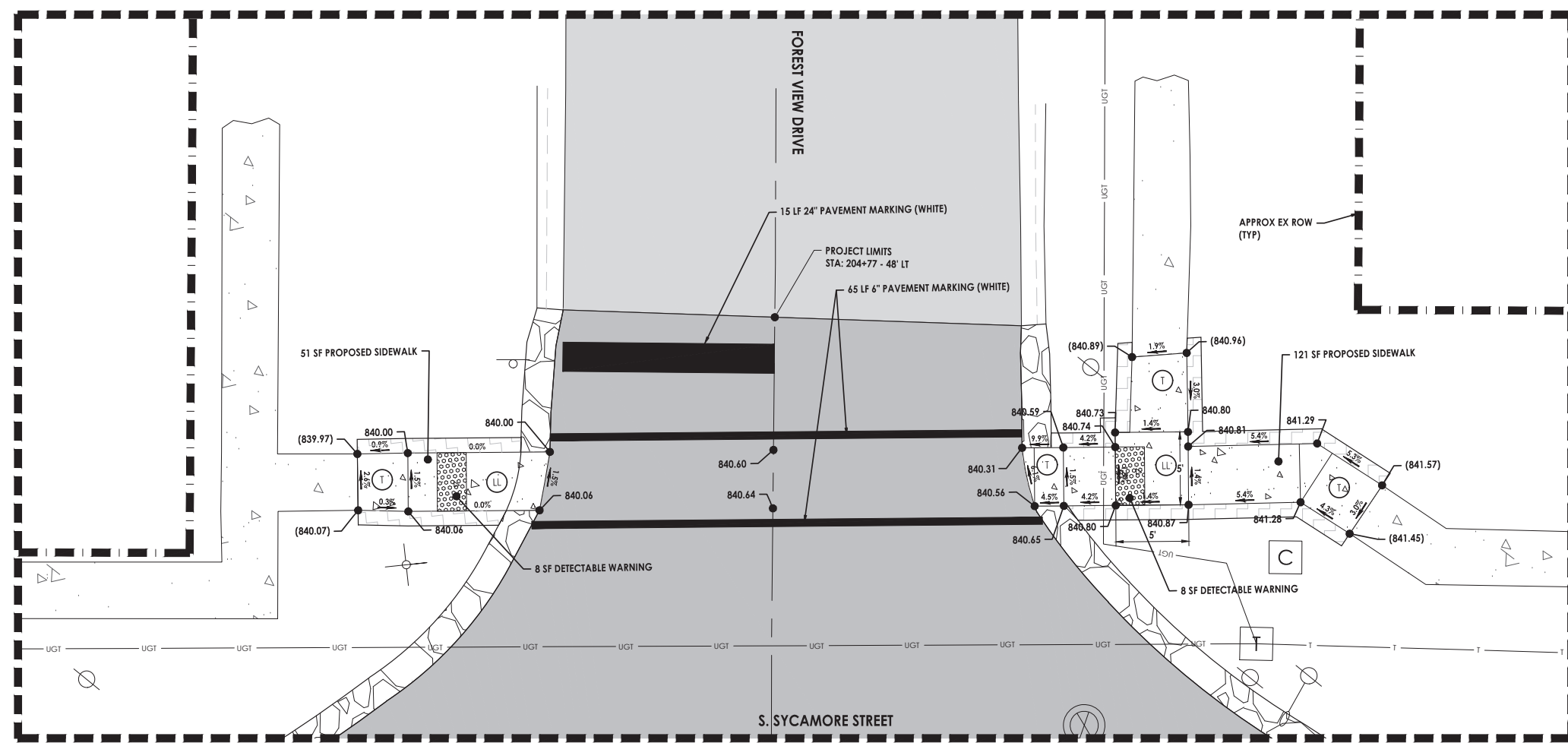
(XXX.XX) = MATCH EXISTING GRADE
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CONTRACTOR TO VERIFY EXACT LOCATION AND ELEVATION OF EXISTING UTILITIES AT LOCATIONS OF CONFLICT. CONTRACTOR TO NOTIFY ENGINEER WITH ANY DISCREPANCIES.

ALL SIDEWALK RAMPS TO BE IN ACCORDANCE WITH ADA REQUIREMENTS.

DC = DEPRESSED CURB
 T/C = TOP OF CONCRETE

INTERSECTION DETAIL D



INTERSECTION DETAIL E



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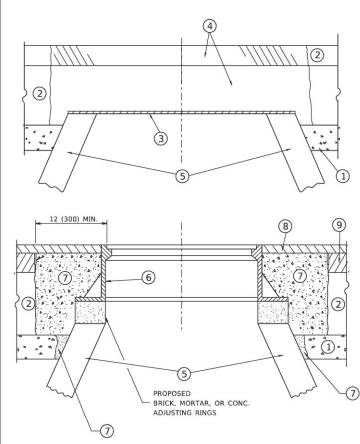
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Date	Revision	By

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 Intersection Detail Plan
 Sycamore Street

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CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
 B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
 C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
 D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
 B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
 C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.
 * UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER.

- LEGEND**
- 1 SUB-BASE GRANULAR MATERIAL
 - 2 EXISTING PAVEMENT
 - 3 36 (900) DIAMETER METAL PLATE
 - 4 PROPOSED CRUSHED STONE AND HMA SURFACE MIX
 - 5 EXISTING STRUCTURE
 - 6 FRAME AND LID (SEE NOTES)
 - 7 CLASS PP-1 CONCRETE
 - 8 PROPOSED HMA SURFACE COURSE
 - 9 PROPOSED HMA BINDER COURSE

NOTES

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPAIRED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 159.24 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

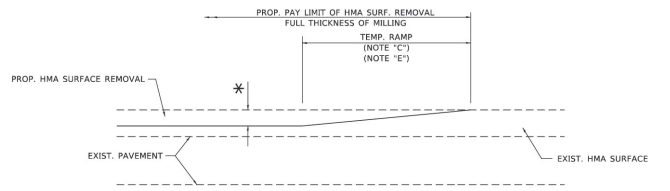
CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

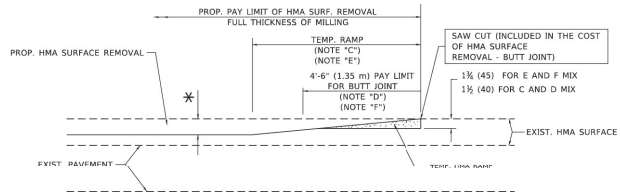
DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

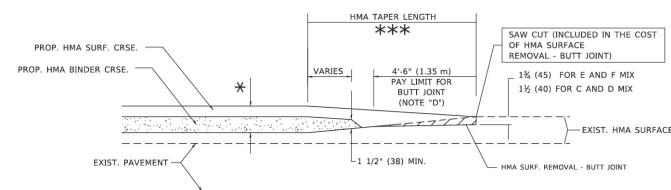
OPTION 1



HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

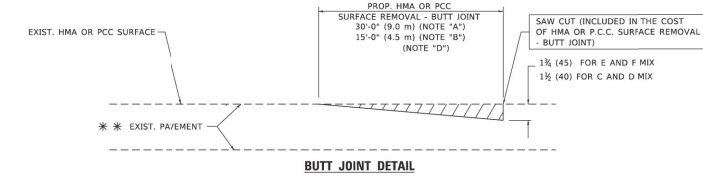
OPTION 2

TYPICAL TEMPORARY RAMP

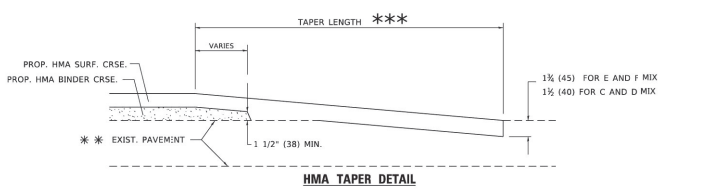


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

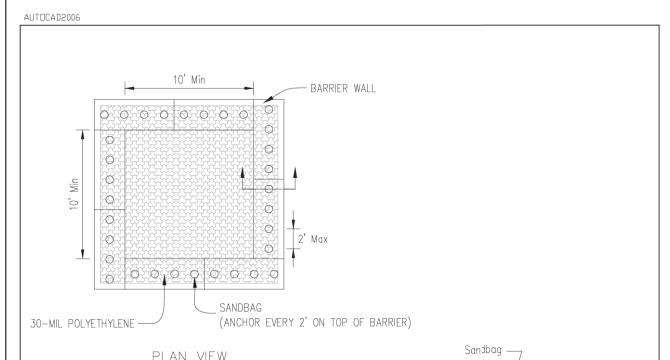
NOTES

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT. SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL - BUTT JOINT". 20'-0" (6.1 m) PER 1 (2S) RESURFACING (NOTE "A") 10'-0" (3.0 m) PER 1 (2S) RESURFACING (NOTE "B")

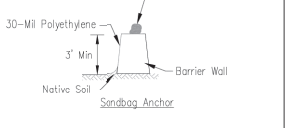
BASIS OF PAYMENT

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-BOX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

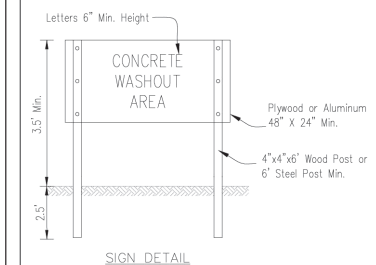
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



PLAN VIEW



BARRIER WALL ANCHOR SECTION



SIGN DETAIL

NOTES:

- 1. Maintaining temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
- 2. Facility shall be cleaned or reconstructed in a new area once washout becomes two-thirds full.

TEMPORARY CONCRETE WASHOUT FACILITY - BARRIER WALL

C.E.S. INC.
 CIVIL ENGINEERING SERVICES
 700 WEST LOCUST ST., BELVIDERE, ILLINOIS 61008
 PHONE: (815) 547-8435, FAX: (815) 544-0421
 ILLINOIS DESIGN FIRM NO. 184-001260

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Date	Revision	By

W. HILL ST. & S. SYCAMORE ST. IMPROVEMENTS
 Details

CHECKED BY: ACB DATE: 02/23/24	DRAWN BY: LMT DATE: 02/23/24	Sheet 11 of 11
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