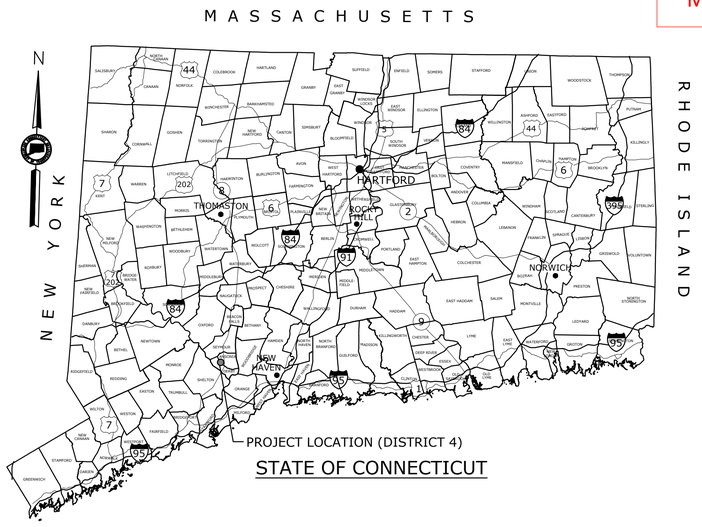
CITY OF DERBY

Plans For

LOCAL TRANSPORTATION CAPITAL IMPROVEMENT PROGRAM
STATE PROJECT NUMBER L036-0002

DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

MODIFIED PLAN SET FOR CITY OF DERBY PLANNING AND ZONING COMMISSION REVIEW

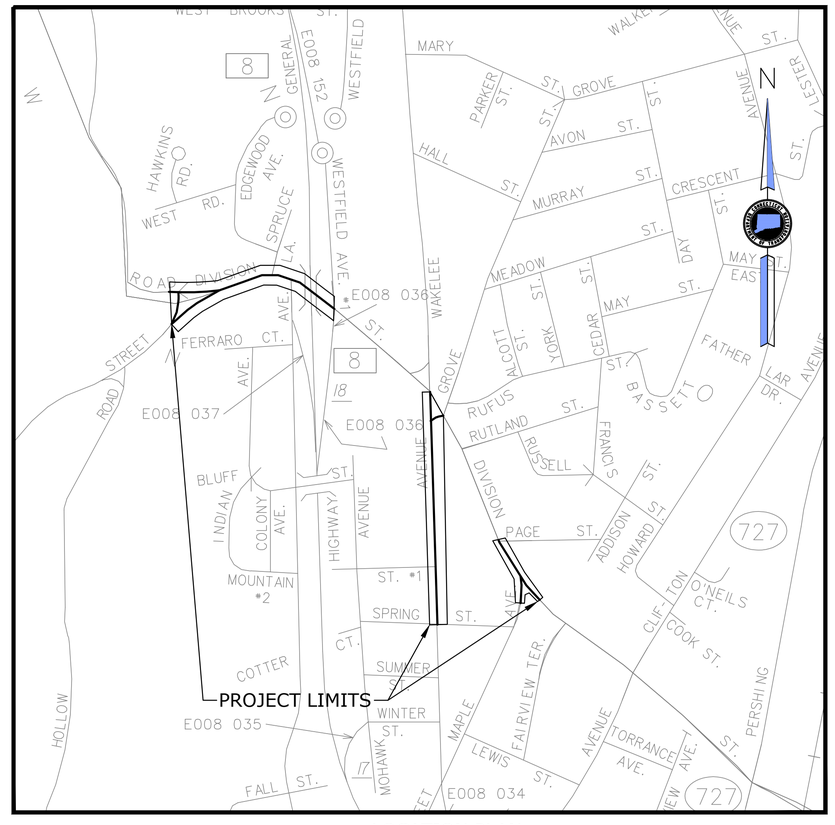


STATE OF CONNECTICUT

City of
DERBY
THE HONORABLE
JOSEPH L. DiMARTINO
MAYOR

JULY 2026

Luchs
CONSULTING ENGINEERS
89 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320



LOCATION PLAN
NOT TO SCALE

GENERAL NOTES:

1. CONSTRUCTION SPECIFICATIONS:
   CONNECTICUT DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION, FORM 819, DATED 2024; SUPPLEMENTAL SPECIFICATIONS, DATED JULY 2026; AS SUPPLEMENTED AND/OR AMENDED BY SPECIAL PROVISIONS AND CITY PROJECT TECHNICAL SPECIFICATIONS
2. 400 FOOT GRID BASED ON CONNECTICUT COORDINATE SYSTEM N.A.D. 1983
3. VERTICAL DATUM BASED ON NGVD 1988
4. THIS SURVEY AND MAP HAVE BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B-1 THROUGH 20-300B-20, AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996. IT IS A RIGHT OF WAY SURVEY AND IS INTENDED TO DEPICT THE LIMITS OF PROPERTY TRANSACTION FOR THE PROJECT REFERENCED HEREON. THE BASE LINE FROM WHICH THIS PROPERTY TRANSACTION IS REFERENCED CONFORMS TO CLASS A-2 HORIZONTAL ACCURACY.
5. THE FEATURES DEPICTED ARE THE RESULT OF THE GENERAL LOCATION SURVEY FOR THE PROJECT OR AS REFERENCED HEREON.
6. THE PROPERTY AND STREET LINES DEPICTED CONFORM TO CLASS D ACCURACY. THEY HAVE BEEN COMPILED FROM VARIOUS SOURCES AND ARE NOT TO BE CONSTRUED AS NECESSARILY BEING THE RESULT OF A FIELD SURVEY, NOR DO THEY REPRESENT A PROPERTY/BOUNDARY OPINION.

SIGNATURE

THE HONORABLE JOSEPH L. DiMARTINO
MAYOR

DESIGNED BY:
Luchs
CONSULTING ENGINEERS
89 COLONY STREET
MERIDEN, CONNECTICUT 06451

STATE OF CONNECTICUT — RONALD J. NAULT — No. 19581 — LICENSED PROFESSIONAL ENGINEER

Digitally signed by Ronald J. Nault
Date: 2026.08.10 14:22:47-04'00'

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DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS
INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	SHEET NUMBER
INX-01	INDEX OF DRAWINGS	1
INP-01	INDEX PLAN	2
TYP-01 - TYP-02	TYPICAL SECTIONS	3-4
ALN-01 - ALN-05	ALIGNMENT PLAN	5-9
PLN-01 - PLN-05	ROADWAY PLAN	10-14
PRO-01 - PRO-02	ROADWAY PROFILE	15-16
SGP-01 - SGP-02	SITE GRADING PLAN	17-18
SIL-01 - SIL-02	SITE ILLUMINATION & LANDSCAPING PLAN	19-20
SPM-01 - SPM-05	SIGNING AND PAVEMENT MARKING PLAN	21-25
TCS-01 - TCS-04	RECTANGULAR RAPID FLASHING BEACON TRAFFIC CONTROL SIGNAL PLAN	26-29
MPT-01 - MPT-16	STAGE CONSTRUCTION PLANS	30-45
XSC-01 - XSC-20	CROSS SECTIONS	46-65
LDS-01 - LDS-04	LIGHTING DETAILS	66-69
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	CTDOT HIGHWAY STANDARD DETAILS	
	CTDOT TRAFFIC STANDARD DETAILS	

MODIFIED PLAN SET FOR CITY OF DERBY PLANNING AND ZONING COMMISSION REVIEW. TYPICAL SECTIONS, ALIGNMENT PLANS, ROADWAY PROFILES, SITE ILLUMINATION AND LANDSCAPING PLANS, TRAFFIC CONTROL SIGNAL PLANS, STAGE CONSTRUCTION PLANS, CROSS SECTIONS, AND DETAILS HAVE BEEN REMOVED.

REV.	DATE	REVISION DESCRIPTION	SHEET. NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DATE PLOTTED: 7/13/2026

DESIGNER/DRAFTER:

CHECKED BY:

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Luchs
CONSULTING ENGINEERS
89 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320

FILENAME:

SIGNATURE/ BLOCK:

DESIGNED BY:
LUCHS CONSULTING ENGINEERS, LLC
89 COLONY STREET
MERIDEN, CT 06451

PROJECT TITLE:
DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN:
DERBY & ANSONIA

DRAWING TITLE:
INDEX OF DRAWINGS

PROJECT NO.:
L036-0002

DRAWING NO.:
INX-01

SHEET NO.:
1

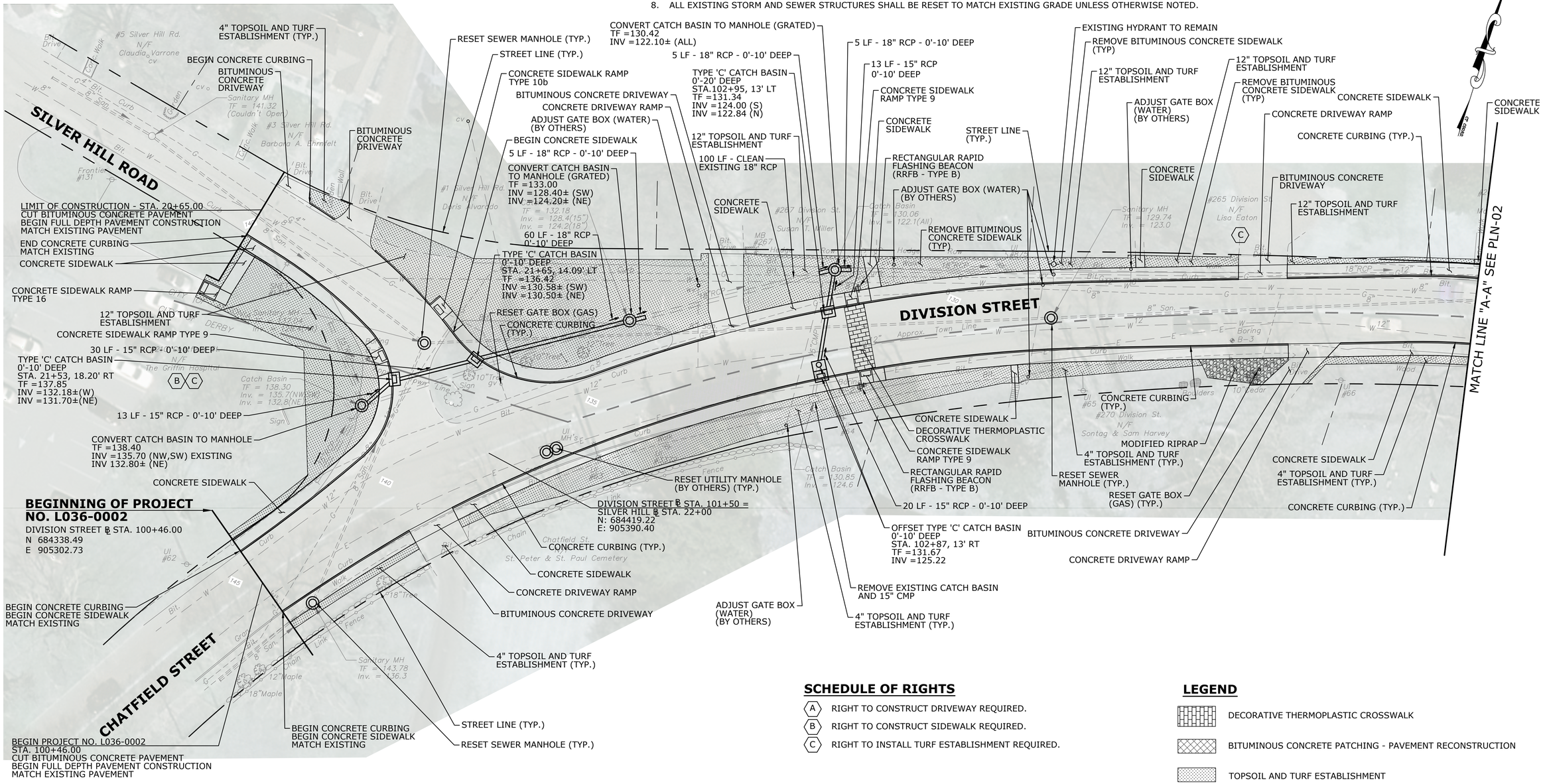
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GENERAL NOTES

1. PLACE SEDIMENTATION CONTROL SYSTEM AT ALL CATCH BASINS WITHIN THE PROJECT LIMITS. (SEE DETAILS ON DRAWING MDS-4)
2. CONTRACTOR SHALL RESET ALL WATER AND GAS UTILITY GATE VALVE BOXES WITHIN THE PROJECT LIMITS. TO BE PAID FOR UNDER ITEM 1302051A - RESET GATE BOX (WATER) AND ITEM 1302062A - RESET GATE BOX (GAS). CONTRACTOR SHALL COORDINATE THIS WORK WITH FACILITY OWNER AND FOR ADDITIONAL UTILITY WORK TO BE PERFORMED BY OTHERS AS INDICATED IN THE PLANS.
3. CONTRACTOR SHALL PROTECT ALL PROPERTY MARKERS, CONTROL POINTS, AND BENCH MARKS WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH ITEM 0980020 - CONSTRUCTION SURVEYING.

GENERAL NOTES (CONT.)

4. ALL CONCRETE DRIVEWAY RAMPS AND ADJACENT CURBING SHALL BE CONSTRUCTED PER CT STANDARD DETAIL SHEET HW-924_01.
5. ALL PROPOSED SIDEWALK RAMPS SHALL CONFORM WITH CURRENT ADA STANDARDS.
6. THIS PROJECT SHALL INCLUDE CLEARING AND THINNING OF TREES AND SHRUBS WITHIN THE CITY RIGHT OF WAY AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR UNDER ITEM 0952001 - SELECTIVE CLEARING AND THINNING.
7. THE CONTRACTOR SHALL BACKFILL ALL OPEN TRENCHES PRIOR TO THE END OF EACH WORK DAY.
8. ALL EXISTING STORM AND SEWER STRUCTURES SHALL BE RESET TO MATCH EXISTING GRADE UNLESS OTHERWISE NOTED.



SCHEDULE OF RIGHTS

- A — RIGHT TO CONSTRUCT DRIVEWAY REQUIRED.
- B — RIGHT TO CONSTRUCT SIDEWALK REQUIRED.
- C — RIGHT TO INSTALL TURF ESTABLISHMENT REQUIRED.

LEGEND

- DECORATIVE THERMOPLASTIC CROSSWALK
- BITUMINOUS CONCRETE PATCHING - PAVEMENT RECONSTRUCTION
- TOPSOIL AND TURF ESTABLISHMENT

REV.	DATE	REVISION DESCRIPTION	SHEET. NO.

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DATE PLOTTED: 7/13/2026

DESIGNER/DRAFTER:

CHECKED BY:

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SCALE 1"=20'

Luchs
CONSULTING ENGINEERS
89 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320

FILENAME:

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LUCHS CONSULTING ENGINEERS, LLC
89 COLONY STREET
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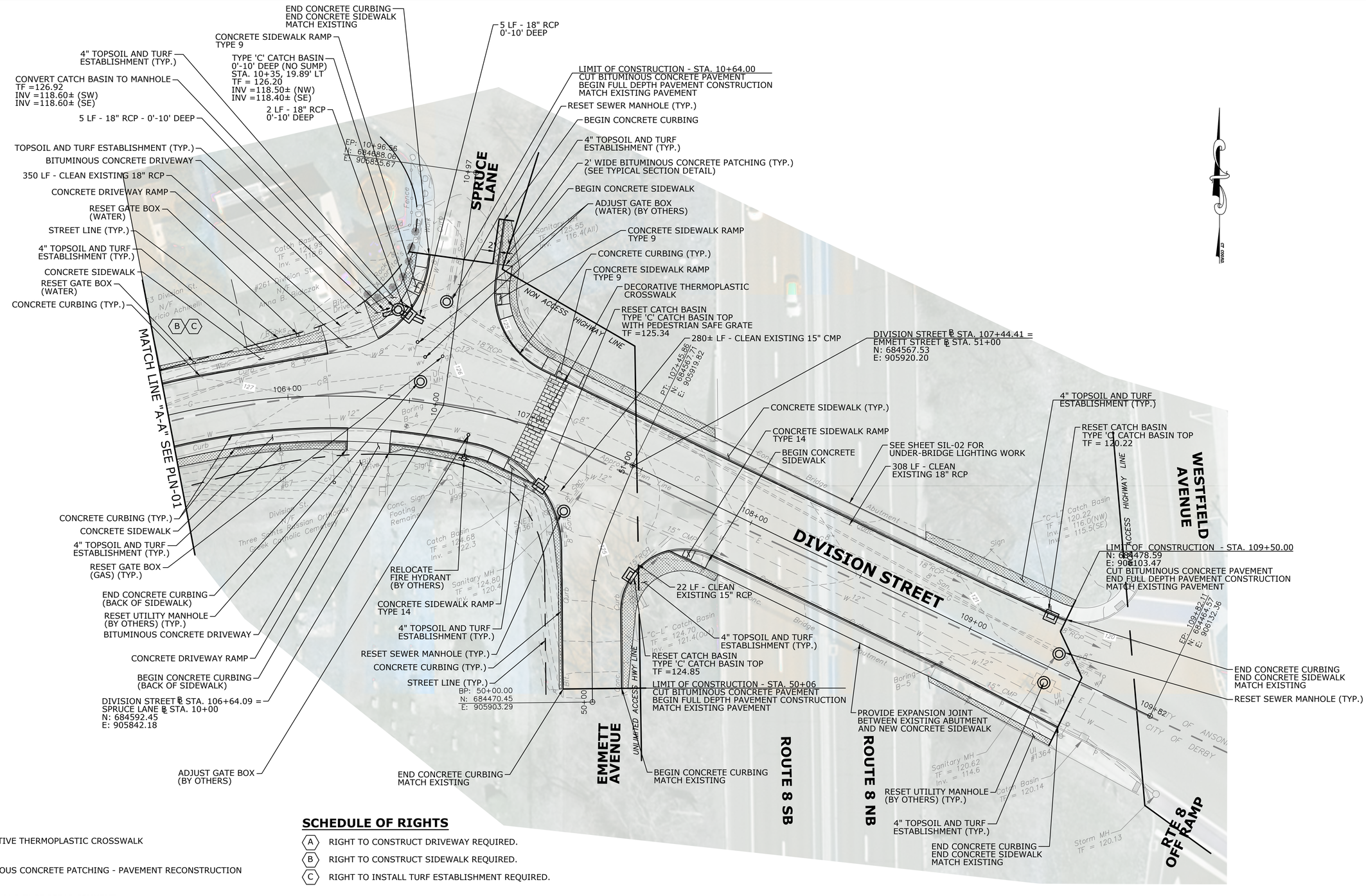
PROJECT TITLE:
DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN:
DERBY & ANSONIA

DRAWING TITLE:
ROADWAY PLAN

PROJECT NO.: L036-0002
DRAWING NO.: PLN-01
SHEET NO.: 10

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LEGEND

- DECORATIVE THERMOPLASTIC CROSSWALK
- BITUMINOUS CONCRETE PATCHING - PAVEMENT RECONSTRUCTION
- TOPSOIL AND TURF ESTABLISHMENT

SCHEDULE OF RIGHTS

- (A) RIGHT TO CONSTRUCT DRIVEWAY REQUIRED.
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LUCHS CONSULTING ENGINEERS, LLC
89 COLONY STREET
MERIDEN, CT 06451

PROJECT TITLE:
DIVISION STREET & SEYMOUR AVENUE
SAFETY IMPROVEMENTS

TOWN:
DERBY & ANSONIA

DRAWING TITLE:
ROADWAY PLAN

PROJECT NO.: L036-0002
DRAWING NO.: PLN-02
SHEET NO.: 11

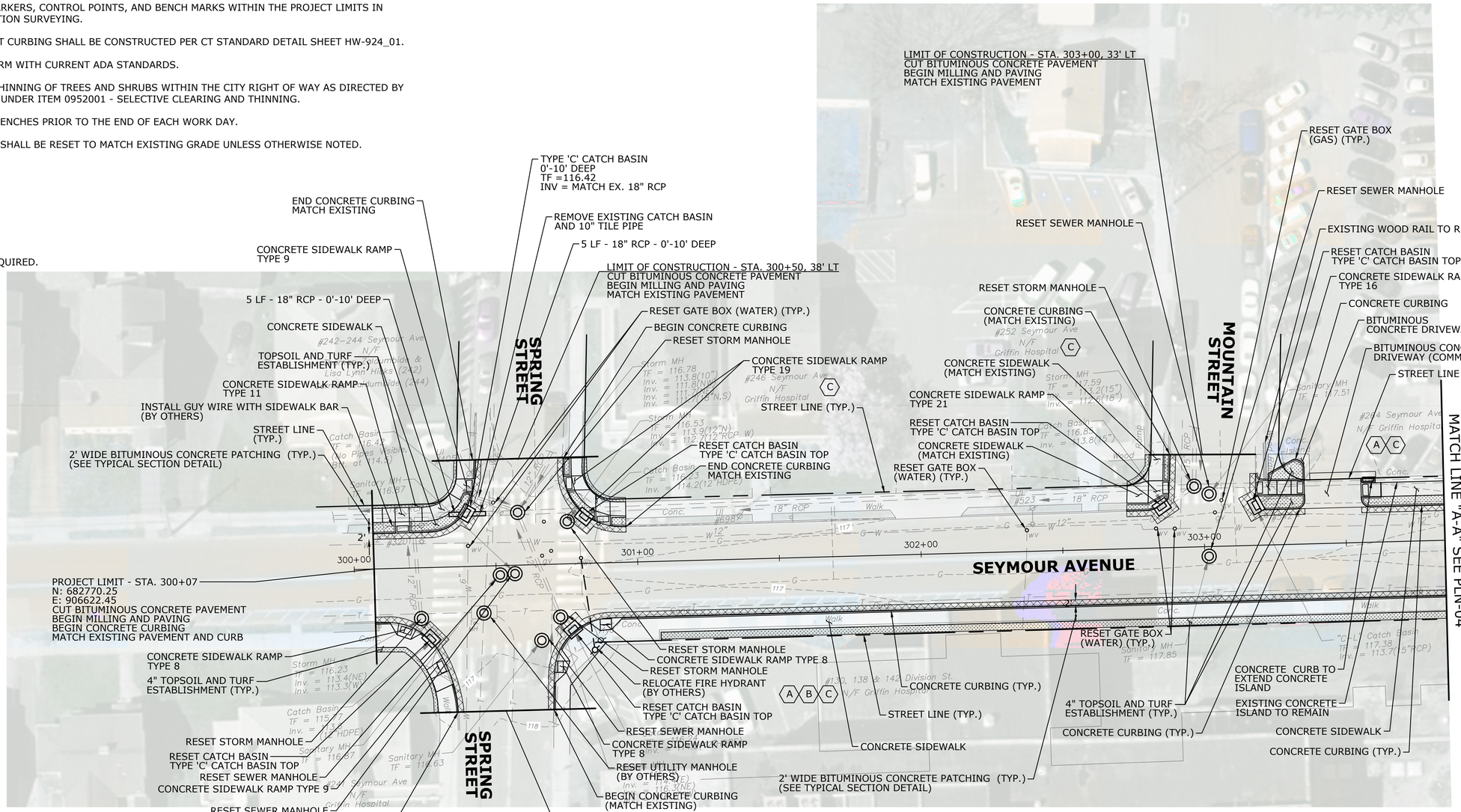
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GENERAL NOTES

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SCHEDULE OF RIGHTS

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LEGEND

- DECORATIVE THERMOPLASTIC CROSSWALK
- BITUMINOUS CONCRETE PATCHING - PAVEMENT RECONSTRUCTION
- TOPSOIL AND TURF ESTABLISHMENT

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Luchs
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89 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320

FILENAME:

SIGNATURE/ BLOCK:

DESIGNED BY:
LUCHS CONSULTING ENGINEERS, LLC
89 COLONY STREET
MERIDEN, CT 06451

PROJECT TITLE:
DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN:
DERBY & ANSONIA

DRAWING TITLE:
ROADWAY PLAN

PROJECT NO.: L036-0002
DRAWING NO.: PLN-03
SHEET NO.: 12

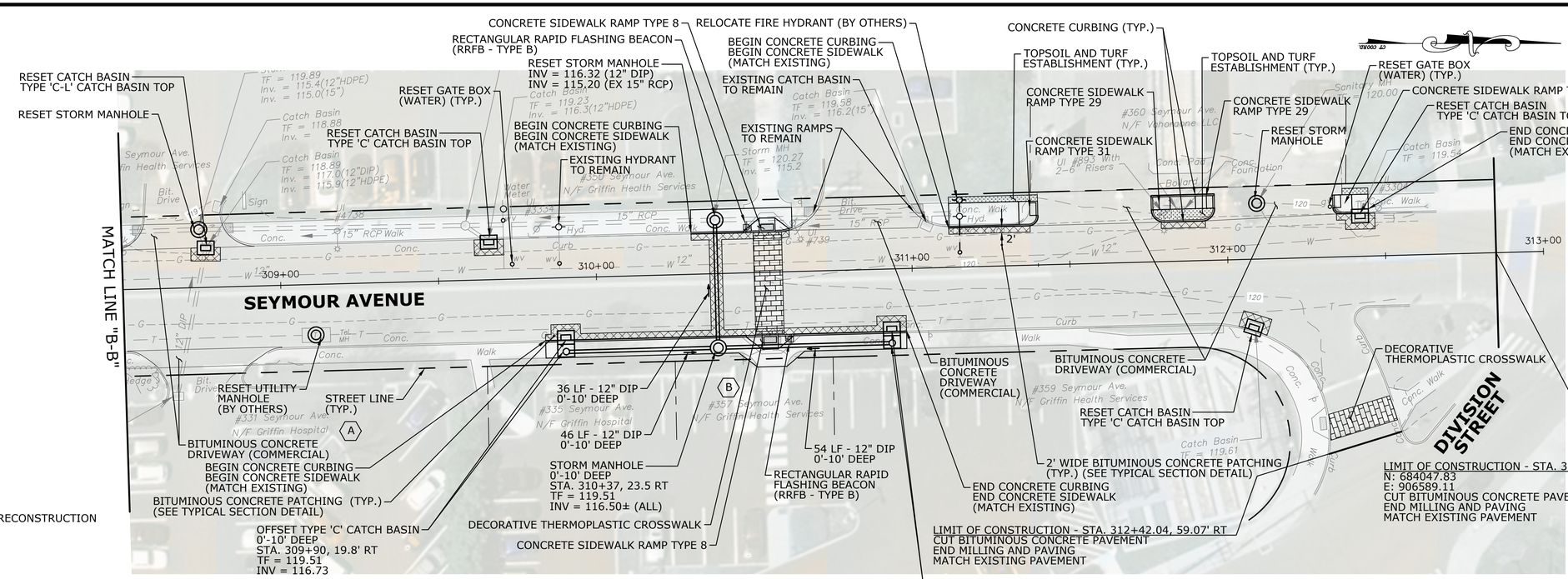
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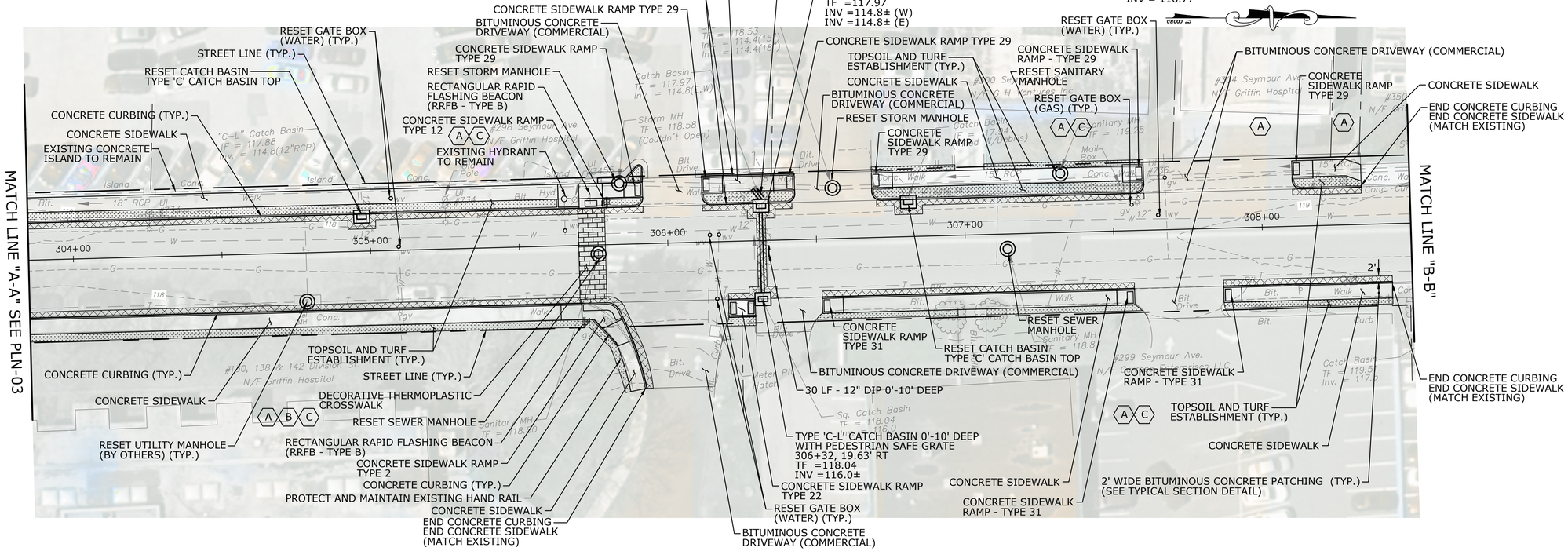
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LEGEND

- DECORATIVE THERMOPLASTIC CROSSWALK
- BITUMINOUS CONCRETE PATCHING - PAVEMENT RECONSTRUCTION
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MERIDEN, CT 06451

PROJECT TITLE:

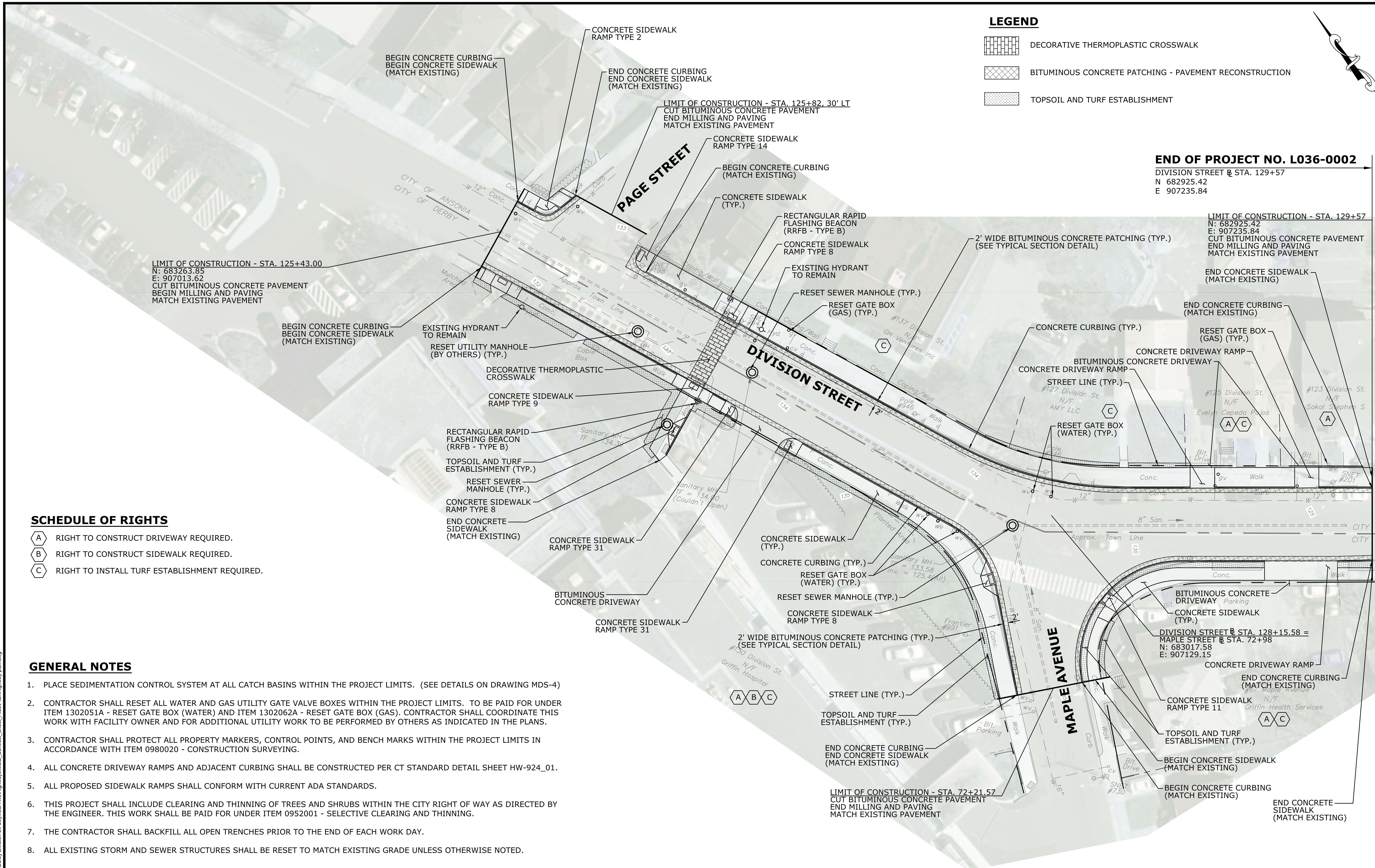
DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN: DERBY & ANSONIA

DRAWING TITLE: ROADWAY PLAN

PROJECT NO.: L036-0002
DRAWING NO.: PLN-04
SHEET NO.: 13

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LEGEND

- DECORATIVE THERMOPLASTIC CROSSWALK
- BITUMINOUS CONCRETE PATCHING - PAVEMENT RECONSTRUCTION
- TOPSOIL AND TURF ESTABLISHMENT

SCHEDULE OF RIGHTS

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SCALE 1"=20'

Luchs CONSULTING ENGINEERS
89 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320

FILENAME:

SIGNATURE/ BLOCK:

DESIGNED BY:
LUCHS CONSULTING ENGINEERS, LLC
89 COLONY STREET
MERIDEN, CT 06451

STATE OF CONNECTICUT · RONALD J. NAULT · No. 15520 · LICENSED PROFESSIONAL ENGINEER

PROJECT TITLE: DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

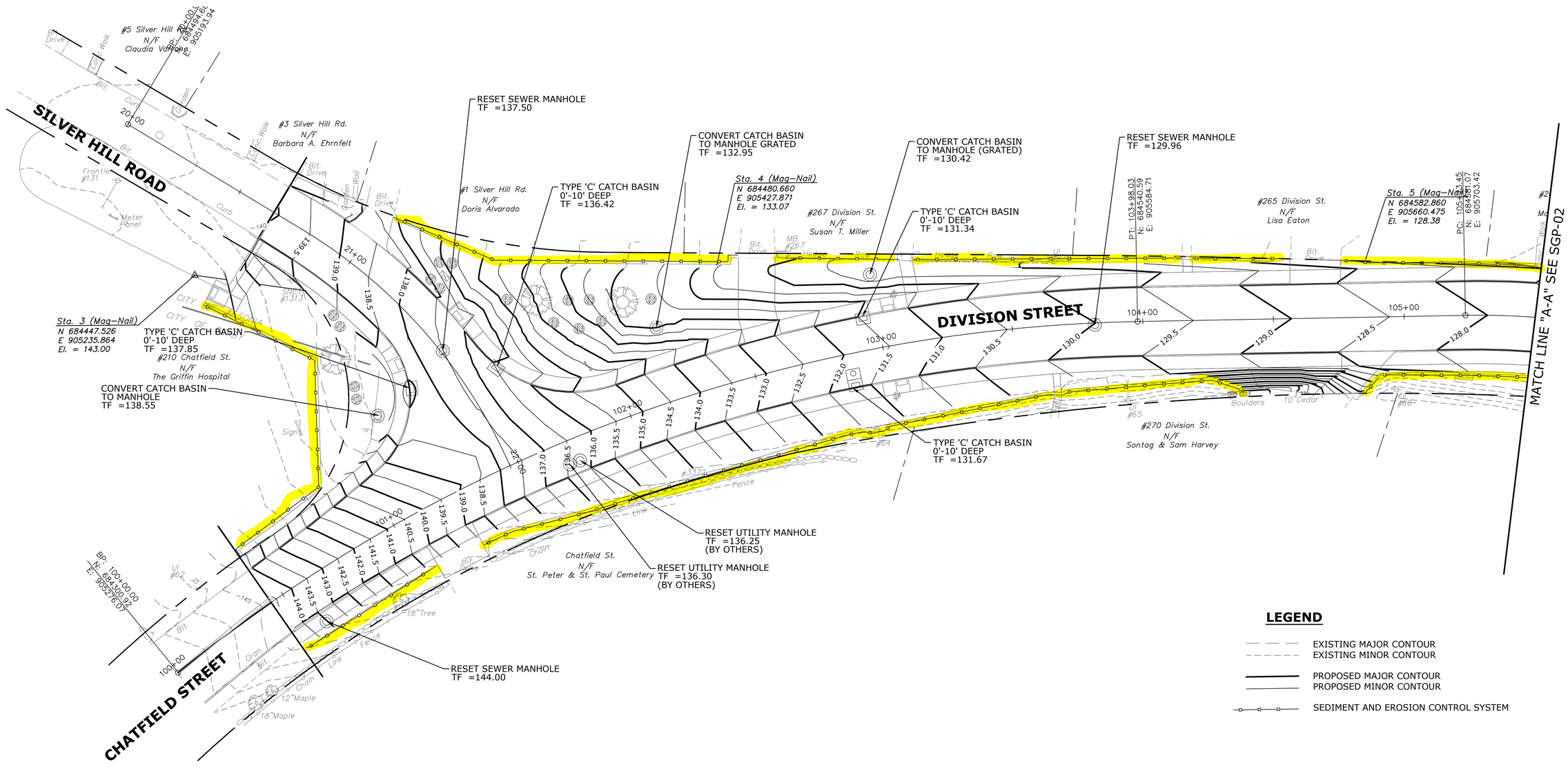
TOWN: DERBY & ANSONIA

DRAWING TITLE: ROADWAY PLAN

PROJECT NO.: L036-0002

DRAWING NO.: PLN-05

SHEET NO.: 14



LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- SEDIMENT AND EROSION CONTROL SYSTEM

GRADING NOTES

1. PROPOSED CATCH BASIN TOP OF FRAME ELEVATIONS SHOWN ACCOUNT FOR THE 2" DEPRESSION FROM THE GUTTER LINE ELEVATION AS INDICATED ON HIGHWAY STANDARD DETAIL SHEET HW-586_01.

REV.	DATE	REVISION DESCRIPTION	SHEET. NO.

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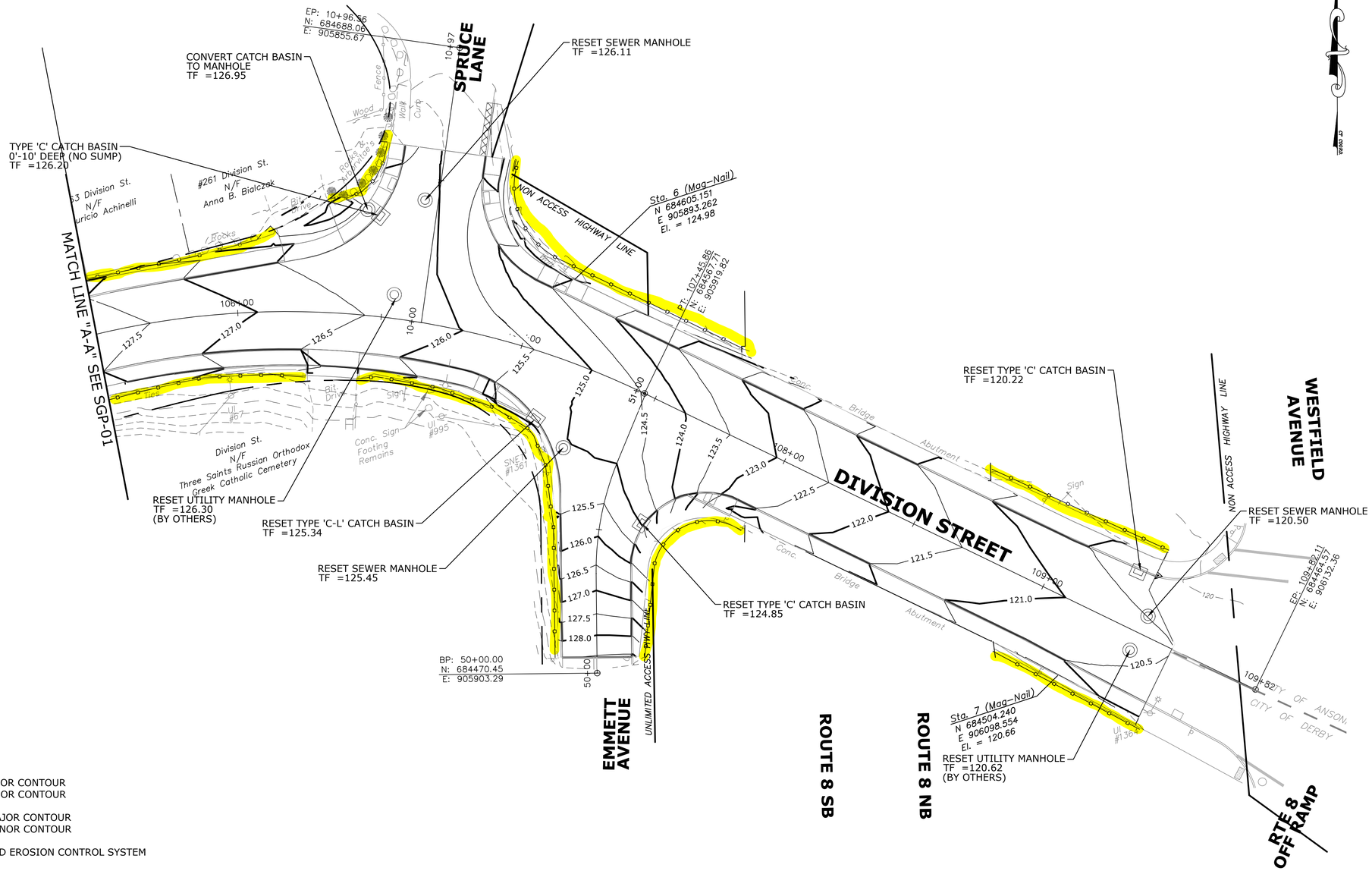
PROJECT TITLE:
DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN:
DERBY & ANSONIA

DRAWING TITLE:
SITE GRADING PLAN

PROJECT NO.: L036-0002
DRAWING NO.: SGP-01
SHEET NO.: 17

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LEGEND

- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- SEDIMENT AND EROSION CONTROL SYSTEM

GRADING NOTES

1. PROPOSED CATCH BASIN TOP OF FRAME ELEVATIONS SHOWN ACCOUNT FOR THE 2" DEPRESSION FROM THE GUTTER LINE ELEVATION AS INDICATED ON HIGHWAY STANDARD DETAIL SHEET HW-586_01.

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MERIDEN, CT 06451

PROJECT TITLE:
DIVISION STREET & SEYMOUR AVENUE
SAFETY IMPROVEMENTS

TOWN:
DERBY & ANSONIA

DRAWING TITLE:
SITE GRADING PLAN

PROJECT NO.:
L036-0002

DRAWING NO.:
SGP-02

SHEET NO.:
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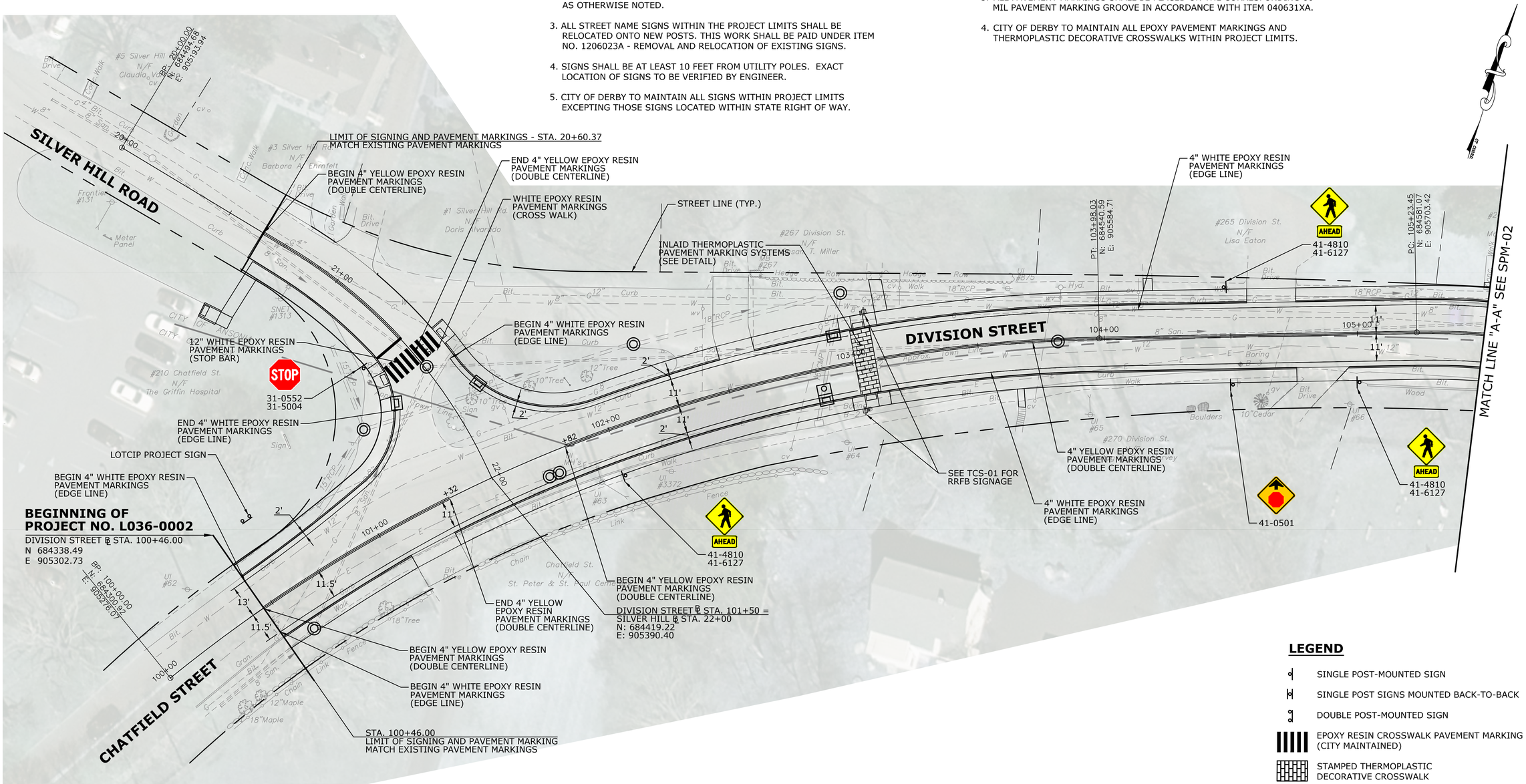
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GENERAL SIGNING NOTES

1. ALL EXISTING SIGNS WITHIN THE PROJECT LIMITS ARE TO BE REMOVED UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.
2. SIGNS SHALL BE INSTALLED IN COMPLIANCE WITH CURRENT MUTCD STANDARDS AND IN ACCORDANCE WITH STANDARD SHEETS TR-1208_01 "SIGN PLACEMENT AND RETROREFLECTIVE STRIP DETAILS" AND TR-1208_02 "METAL SIGN POSTS AND SIGN MOUNTED DETAILS" EXCEPT AS OTHERWISE NOTED.
3. ALL STREET NAME SIGNS WITHIN THE PROJECT LIMITS SHALL BE RELOCATED ONTO NEW POSTS. THIS WORK SHALL BE PAID UNDER ITEM NO. 1206023A - REMOVAL AND RELOCATION OF EXISTING SIGNS.
4. SIGNS SHALL BE AT LEAST 10 FEET FROM UTILITY POLES. EXACT LOCATION OF SIGNS TO BE VERIFIED BY ENGINEER.
5. CITY OF DERBY TO MAINTAIN ALL SIGNS WITHIN PROJECT LIMITS EXCEPTING THOSE SIGNS LOCATED WITHIN STATE RIGHT OF WAY.

GENERAL PAVEMENT MARKING NOTES

1. ALL NEW PAVEMENT MARKINGS TO BE EPOXY RESIN.
2. ALL PAVEMENT MARKINGS SHALL BE INSTALLED IN COMPLIANCE WITH CURRENT MUTCD STANDARDS. REFER TO MISCELLANEOUS DETAIL SHEETS MDS-16 AND MDS-17 FOR ADDITIONAL DETAILS.
3. ALL PAVEMENT MARKINGS SHALL BE PLACED ON THE CORRESPONDING 80 MIL PAVEMENT MARKING GROOVE IN ACCORDANCE WITH ITEM 040631XA.
4. CITY OF DERBY TO MAINTAIN ALL EPOXY PAVEMENT MARKINGS AND THERMOPLASTIC DECORATIVE CROSSWALKS WITHIN PROJECT LIMITS.



LEGEND

- SINGLE POST-MOUNTED SIGN
- SINGLE POST SIGNS MOUNTED BACK-TO-BACK
- DOUBLE POST-MOUNTED SIGN
- EPOXY RESIN CROSSWALK PAVEMENT MARKING (CITY MAINTAINED)
- STAMPED THERMOPLASTIC DECORATIVE CROSSWALK

REV.	DATE	REVISION DESCRIPTION	SHEET. NO.

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DATE PLOTTED: 7/13/2026

DESIGNER/DRAFTER:

CHECKED BY:

SCALE IN FEET 0 20 40

SCALE 1"=20'

Luchs
CONSULTING ENGINEERS
89 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320

FILENAME:

SIGNATURE/ BLOCK:

DESIGNED BY: LUCHS CONSULTING ENGINEERS, LLC 89 COLONY STREET MERIDEN, CT 06451

PROJECT TITLE:

DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN: DERBY & ANSONIA

DRAWING TITLE: SIGNING AND PAVEMENT MARKING PLAN

PROJECT NO.: L036-0002

DRAWING NO.: SPM-01

SHEET NO.: 21

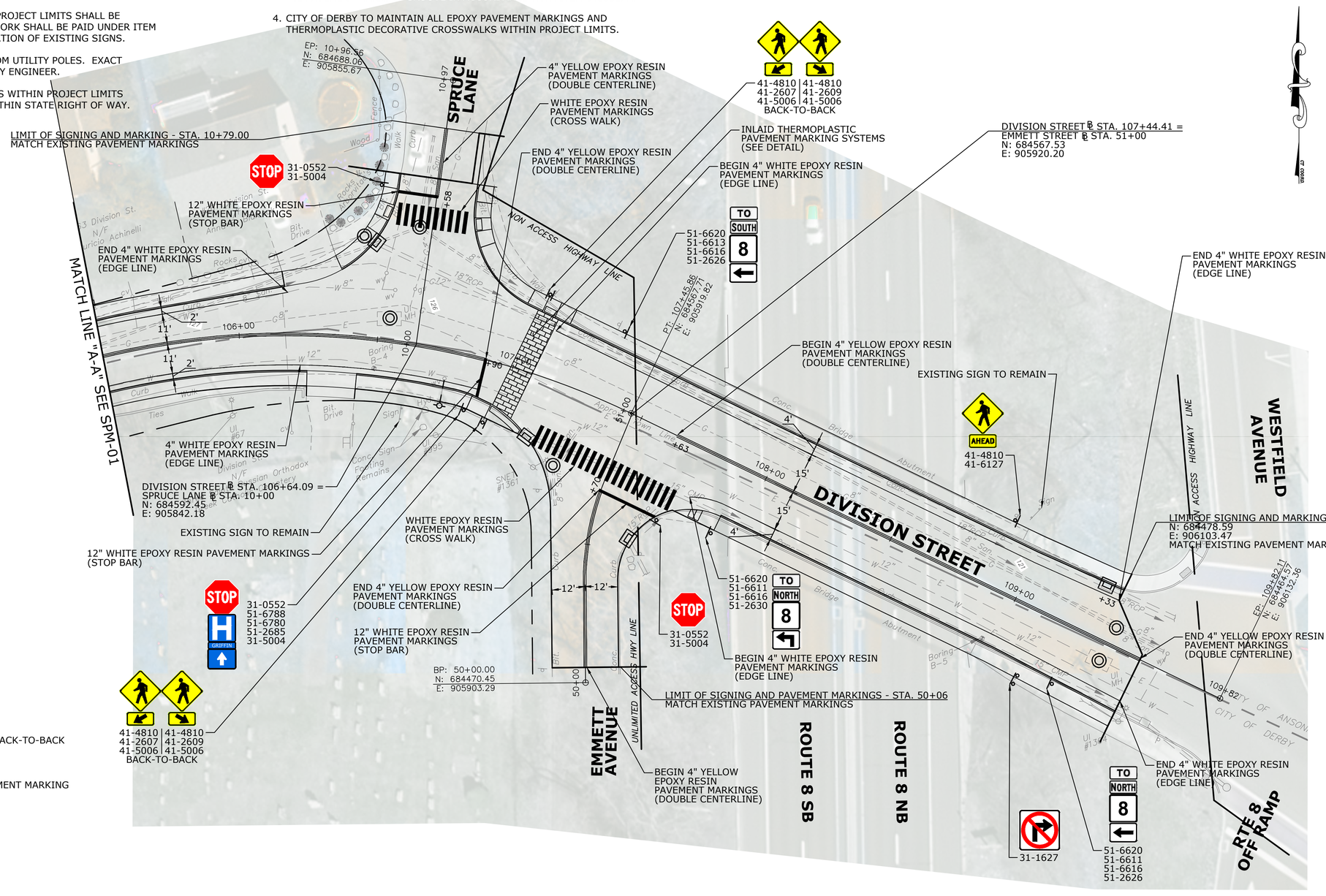
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GENERAL SIGNING NOTES

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DATE PLOTTED: 7/13/2026

DESIGNER/DRAFTER:

CHECKED BY:

SCALE IN FEET
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SCALE 1"=20'

Luchs
CONSULTING ENGINEERS
89 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320

FILENAME:

SIGNATURE/ BLOCK:

DESIGNED BY:
LUCHS CONSULTING ENGINEERS, LLC
89 COLONY STREET
MERIDEN, CT 06451

PROJECT TITLE:
DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN: DERBY & ANSONIA

DRAWING TITLE: SIGNING AND PAVEMENT MARKING PLAN

PROJECT NO.: L036-0002
DRAWING NO.: SPM-02
SHEET NO.: 22

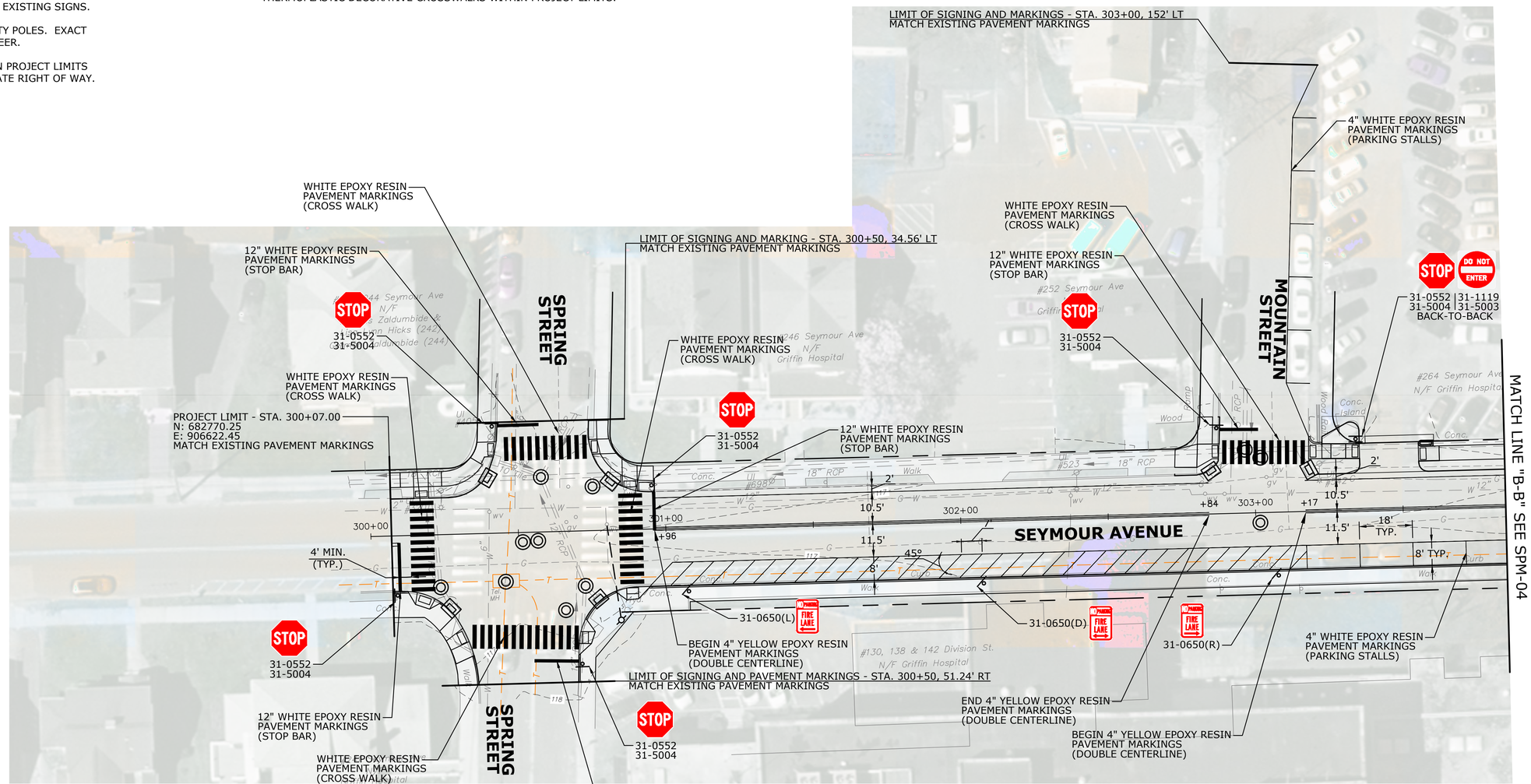
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DESIGNER/DRAFTER:

CHECKED BY:

SCALE IN FEET
0 20 40
SCALE 1"=20'

Luchs
CONSULTING ENGINEERS
89 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320

FILENAME:

SIGNATURE/ BLOCK:

DESIGNED BY:
LUCHS CONSULTING ENGINEERS, LLC
89 COLONY STREET
MERIDEN, CT 06451

PROJECT TITLE:
DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN:
DERBY & ANSONIA

DRAWING TITLE:
SIGNING AND PAVEMENT MARKING PLAN

PROJECT NO.: L036-0002
DRAWING NO.: SPM-03
SHEET NO.: 23

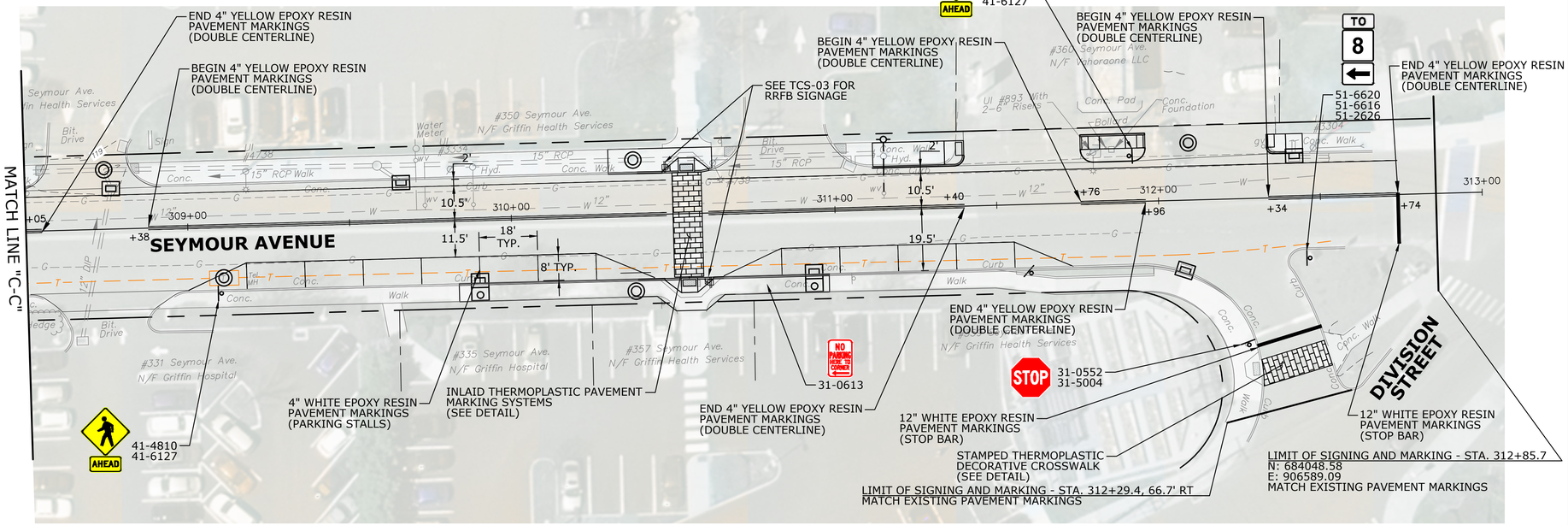
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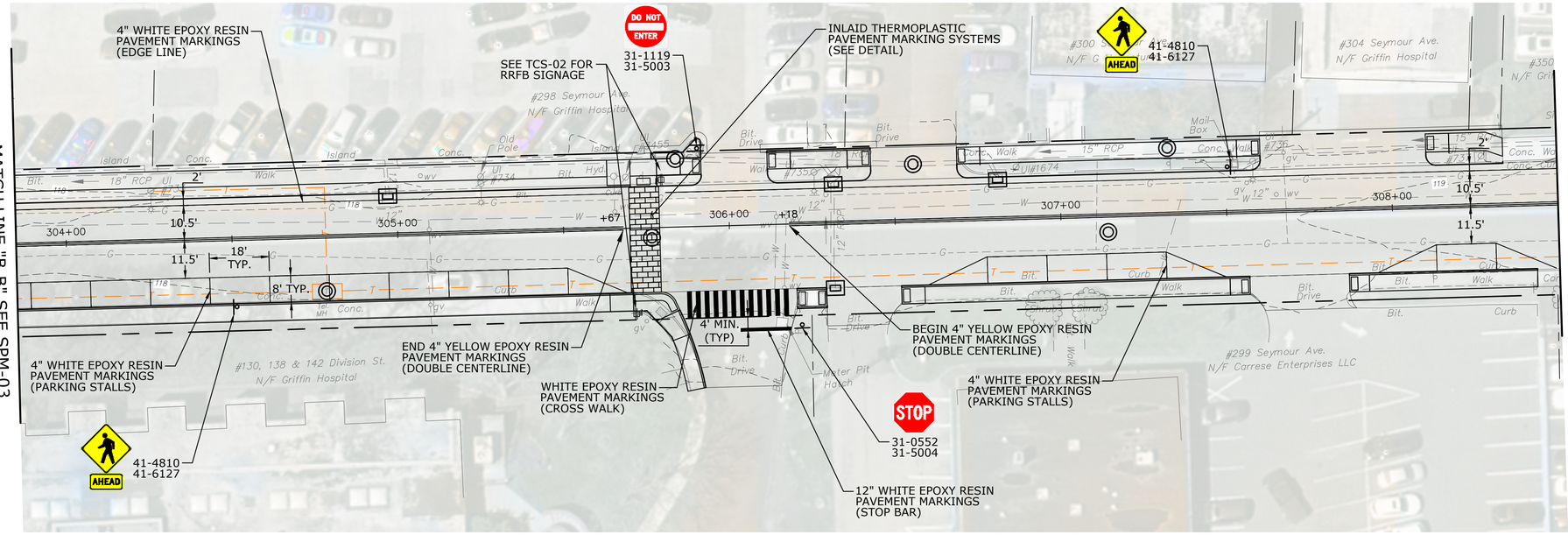
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WHITE EPOXY RESIN PAVEMENT MARKINGS (CROSS WALK)

LEGEND

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SCALE 1"=20'

Luchs
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TELEPHONE: 203-379-0320

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LUCHS CONSULTING ENGINEERS, LLC
89 COLONY STREET
MERIDEN, CT 06451

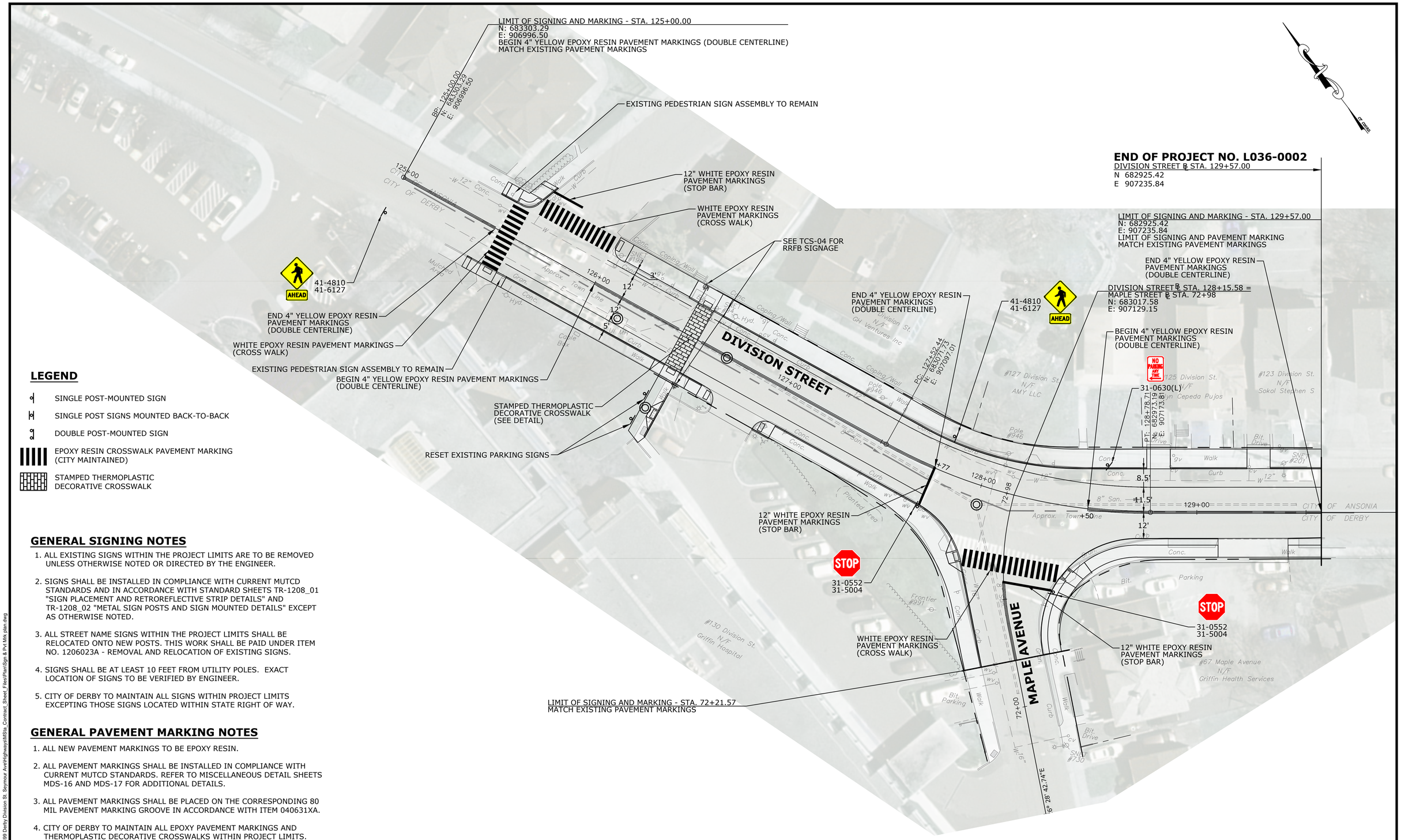
PROJECT TITLE:
DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN:
DERBY & ANSONIA

DRAWING TITLE:
SIGNING AND PAVEMENT MARKING PLAN

PROJECT NO.: L036-0002
DRAWING NO.: SPM-04
SHEET NO.: 24

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LEGEND

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DATE PLOTTED: 7/13/2026

DESIGNER/DRAFTER:

CHECKED BY:

SCALE IN FEET
0 20 40
SCALE 1"=20'

Luchs
CONSULTING ENGINEERS
89 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320

FILENAME:

SIGNATURE/ BLOCK:

DESIGNED BY:
LUCHS CONSULTING ENGINEERS, LLC
89 COLONY STREET
MERIDEN, CT 06451

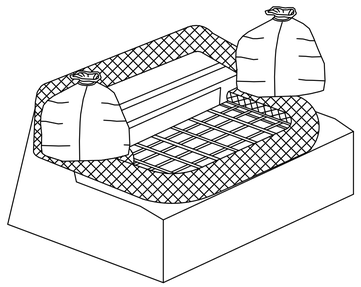
PROJECT TITLE:
DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN:
DERBY & ANSONIA

DRAWING TITLE:
SIGNING AND PAVEMENT MARKING PLAN

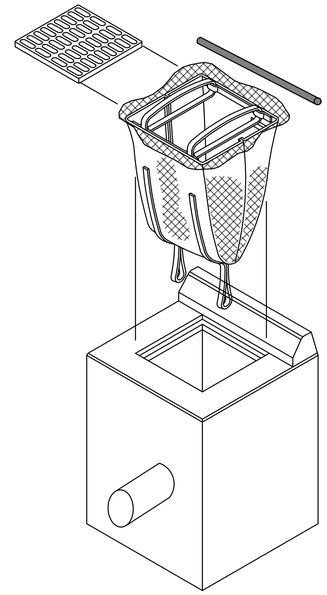
PROJECT NO.: L036-0002
DRAWING NO.: SPM-05
SHEET NO.: 25

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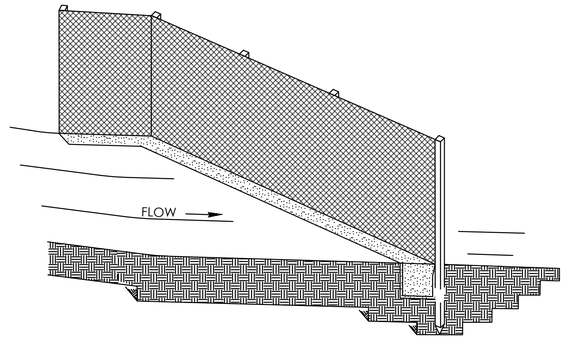
FIBER ROLL AROUND
TYPE "C" OR "C-L" CATCH BASIN TOP

NOTE: THIS ITEM WILL BE MEASURED BY EACH SEDIMENT CONTROL SYSTEM AT CATCH BASIN



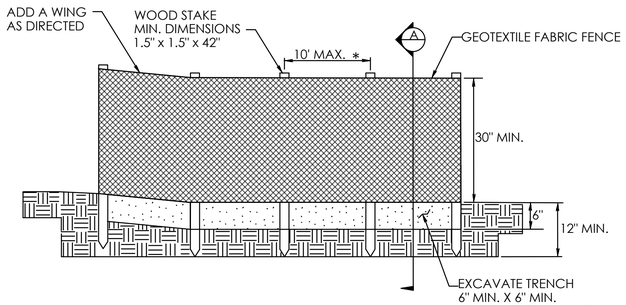
INLET SEDIMENT CONTROL DEVICE
AT TYPE "C" OR "C-L" CATCH BASIN

NOTE: THIS ITEM WILL BE MEASURED BY EACH SEDIMENT CONTROL SYSTEM AT CATCH BASIN



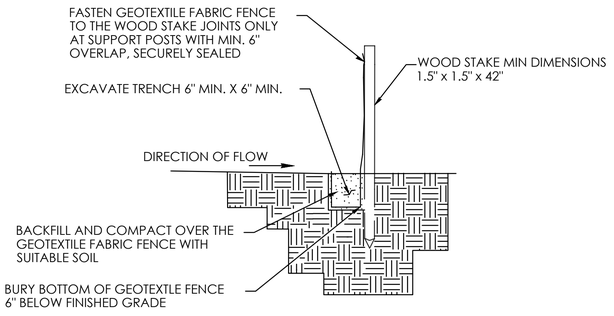
SEDIMENTATION CONTROL SYSTEM

INSTALL THE WING WHEN THE FENCE IS MORE THAN 4' FROM THE TOE OF SLOPE AND THE FENCE LINE GRADIENT IS 5% OR MORE

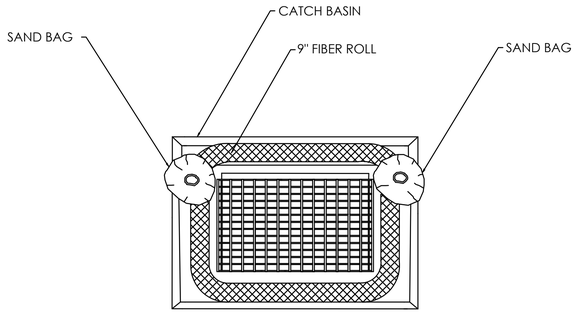


ELEVATION

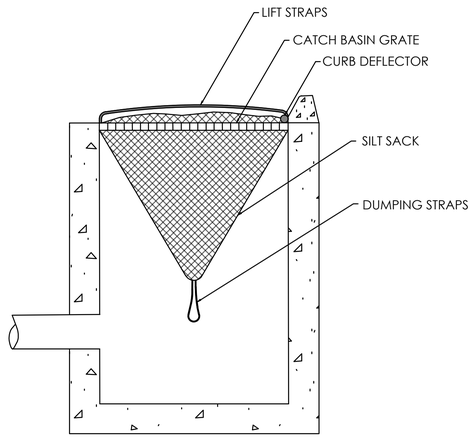
* FOR SLOPES STEEPER THAN 2:1 USE A 5' POST SPACING OR AS DIRECTED BY THE ENGINEER



SECTION A



PLAN



SECTION

REV.	DATE	REVISION DESCRIPTION	SHEET. NO.

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DESIGNER/DRAFTER:

CHECKED BY:

SCALE AS NOTED

Luchs
CONSULTING ENGINEERS
89 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320

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89 COLONY STREET
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PROJECT TITLE:

DIVISION STREET & SEYMOUR AVENUE SAFETY IMPROVEMENTS

TOWN:
DERBY & ANSONIA

DRAWING TITLE:
MISCELLANEOUS DETAILS

PROJECT NO.: L036-0002
DRAWING NO.: MDS-04
SHEET NO.: 73

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