05-MAINTENANCE AND PROTECTION OF TRAFFIC

INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
IND-03	INDEX OF DRAWINGS		
MPT-01	TEMPORARY HARVEY LANE		
MPT-02	TEMPORARY HARVEY LANE		
MPT-03	TEMPORARY HARVEY LANE PROFILE		
MPT-04	TEMPORARY HARVEY LANE PAVEMENT MARKING PLAN		

DESIGNED BY:

BL Companies

BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

STATE OF CONNECTICUT MICHAEL G. FISHER No. 31170 LICENSED PROFESSIONAL ENGINEER

Digitally signed by Michael Fisher
Date: 2020.03.18 15:32:33-04'00'

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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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.

Plotted Date: 3/17/2020

DESIGNER/DRAFTER: **JE**

CHECKED BY: **MF**

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_139-103_IND-03.dgn

SIGNATURE/ BLOCK:

STATE OF CONNECTICUT No. 31170 LICENSED PROFESSIONAL ENGINEER

BL Companies
BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RAILROAD-HIGHWAY GRADE CROSSING IMPROVEMENTS HARVEY LANE

TOWN: **SUFFIELD**

DRAWING TITLE: **INDEX OF MPT DRAWINGS**

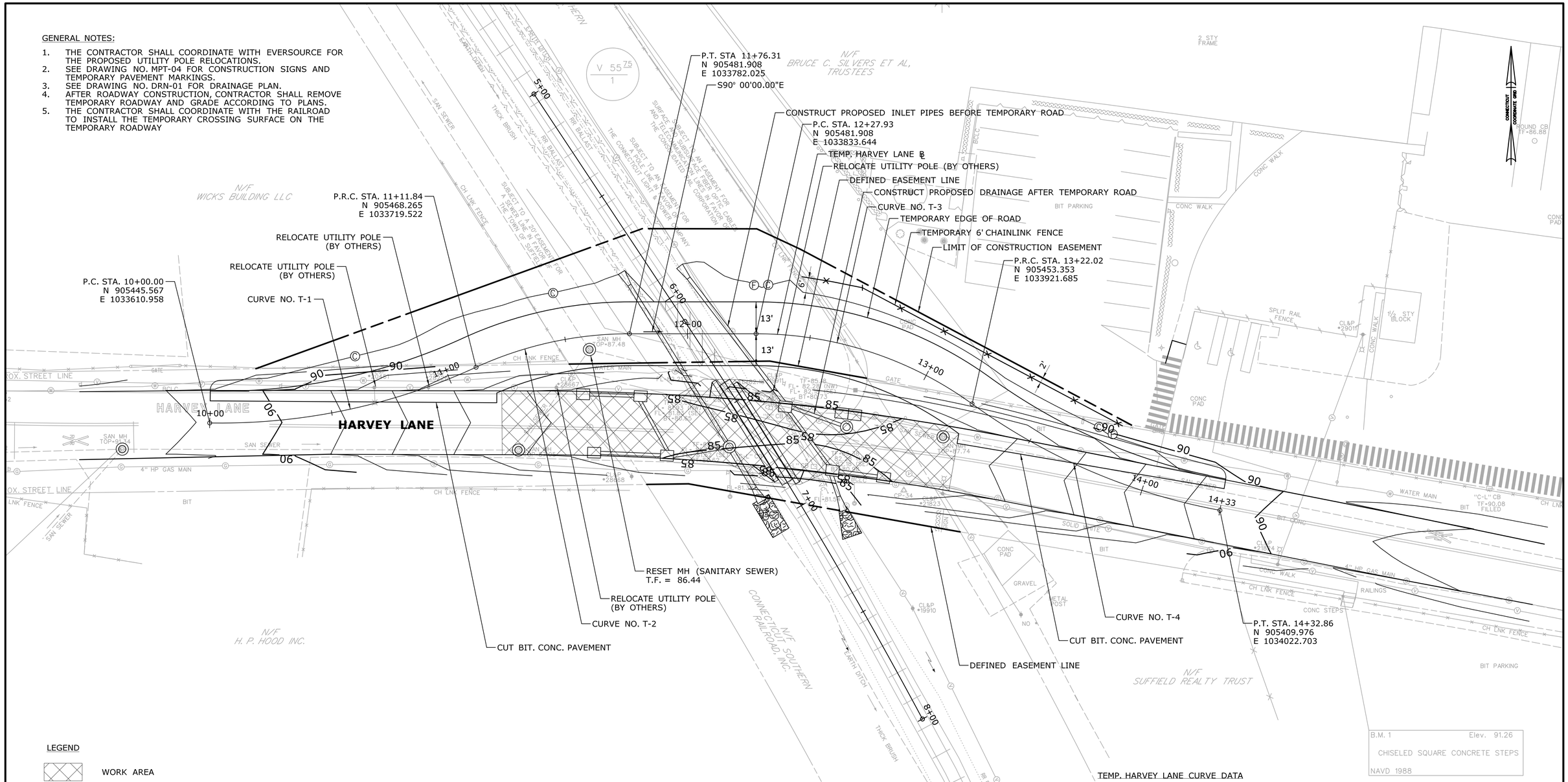
PROJECT NO. **139-103**

DRAWING NO. **IND-03**

SHEET NO. **05.01**

GENERAL NOTES:

1. THE CONTRACTOR SHALL COORDINATE WITH EVERSOURCE FOR THE PROPOSED UTILITY POLE RELOCATIONS.
2. SEE DRAWING NO. MPT-04 FOR CONSTRUCTION SIGNS AND TEMPORARY PAVEMENT MARKINGS.
3. SEE DRAWING NO. DRN-01 FOR DRAINAGE PLAN.
4. AFTER ROADWAY CONSTRUCTION, CONTRACTOR SHALL REMOVE TEMPORARY ROADWAY AND GRADE ACCORDING TO PLANS.
5. THE CONTRACTOR SHALL COORDINATE WITH THE RAILROAD TO INSTALL THE TEMPORARY CROSSING SURFACE ON THE TEMPORARY ROADWAY



LEGEND

WORK AREA

APPROXIMATE TEMP. CROSSING SURFACE (BY OTHERS)

SUGGESTED STAGE CONSTRUCTION SEQUENCE

STAGE 1

1. INSTALL INLET PIPES AS SHOWN ON DRAWING NO. MPT-01.
2. CONSTRUCT TEMPORARY HARVEY LANE.

STAGE 2

1. SHIFT TRAFFIC TO TEMPORARY HARVEY LANE.
2. INSTALL REMAINDER OF DRAINAGE AS SHOWN ON DRAWING NO. MPT-01
3. CONSTRUCT THE TEMPORARY CROSSING SURFACE (BY OTHERS).
4. CONSTRUCT THE ROADWAY APPROACHES.
5. REMOVE AND RESTORE TEMPORARY HARVEY LANE.

TEMP. HARVEY LANE CURVE DATA

CURVE NO. T-1	CURVE NO. T-2	CURVE NO. T-3	CURVE NO. T-4
R = 250.00'	R = 150.00'	R = 150.00'	R = 250.00'
L = 111.84'	L = 64.47'	L = 94.09'	L = 110.84'
T = 56.87'	T = 32.74'	T = 48.65'	T = 56.35'
DELTA = 25° 37'56.25" LT	DELTA = 24° 37'31.96" RT	DELTA = 35° 56'23.881" RT	DELTA = 25° 24'12.095" LT
P.I. N 905444.567	P.I. N 905481.908	P.I. N 905481.908	P.I. N 905420.280
E 1033667.82	E 1033749.825	E 1033882.295	E 1033967.306

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Plotted Date: 3/17/2020

DESIGNER/DRAFTER: JE

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SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_139-103_MPT-01.dgn

SIGNATURE/BLOCK:

BL Companies
BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RAILROAD-HIGHWAY GRADE CROSSING IMPROVEMENTS HARVEY LANE

TOWN: SUFFIELD

DRAWING TITLE: TEMP. HARVEY LANE

PROJECT NO. 139-103

DRAWING NO. MPT-01

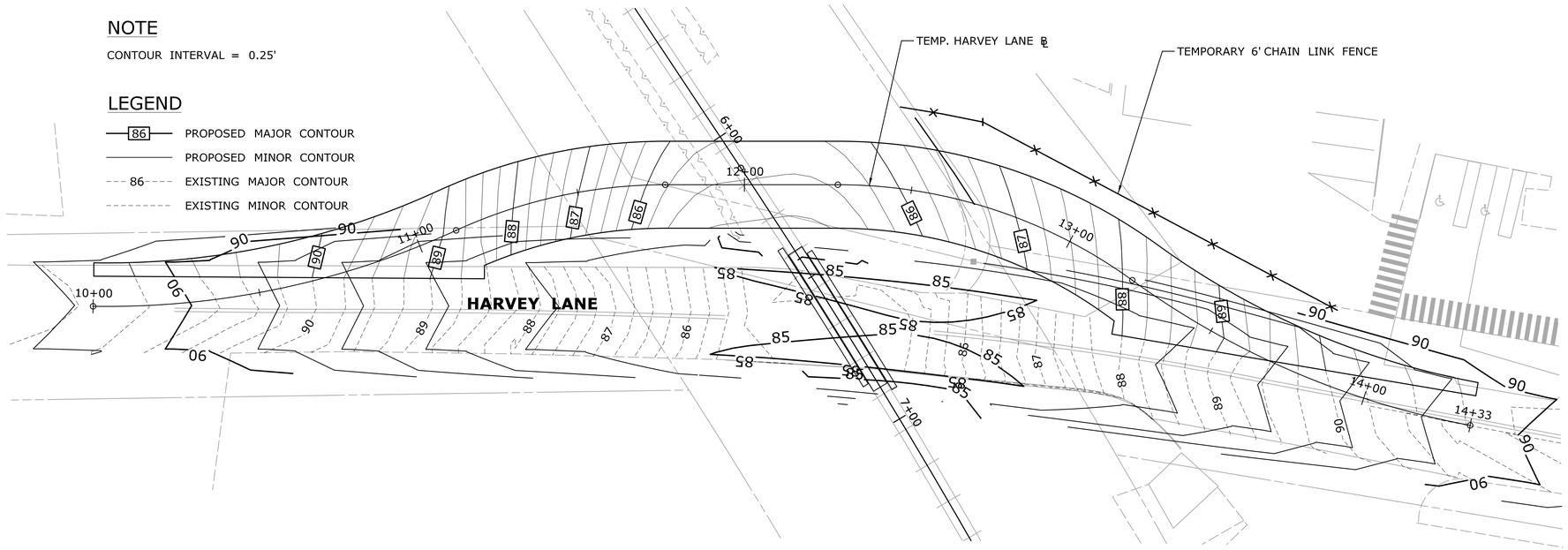
SHEET NO. 05.02

NOTE

CONTOUR INTERVAL = 0.25'

LEGEND

- 86 — PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- 86 — EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR



GRADING PLAN

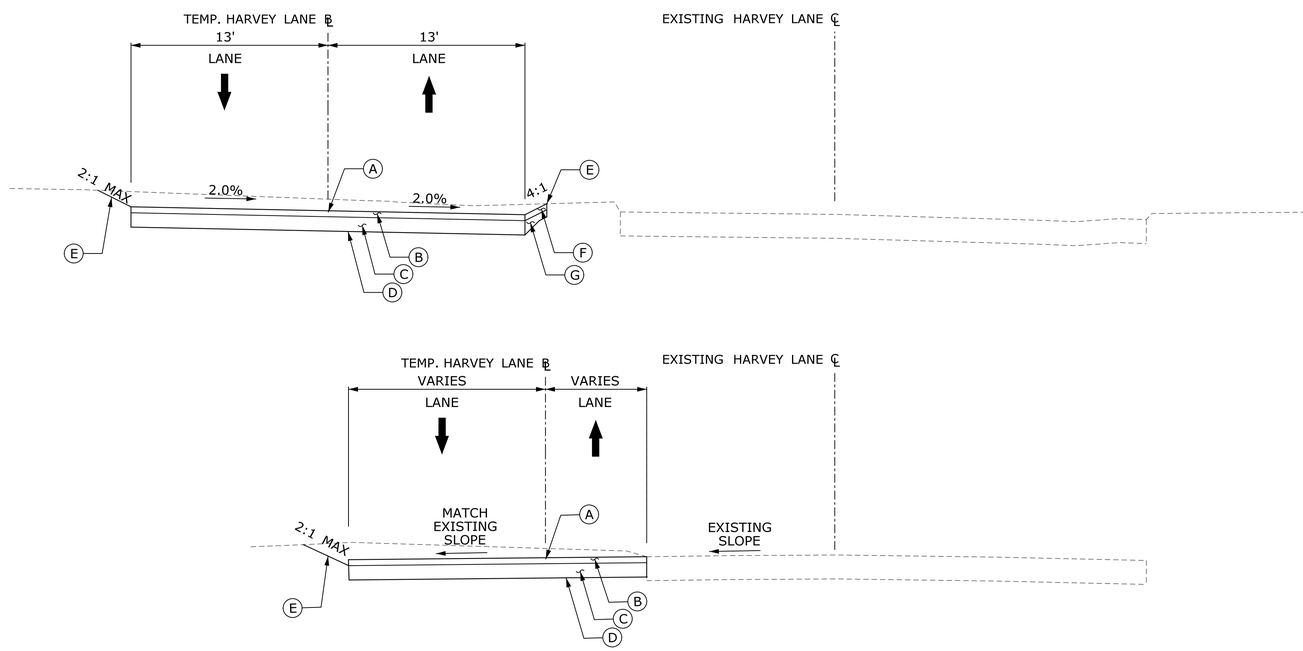
TEMP. HARVEY LANE

LEGEND FOR TYPICAL SECTIONS

- (A) POINT OF APPLIED GRADE AND AXIS OF ROTATION
- (B) 4" HMA S0.5 (PLACED IN TWO EQUAL LIFTS)
- (C) 12" PROCESSED AGGREGATE BASE
- (D) FORMATION OF SUBGRADE
- (E) TURF ESTABLISHMENT
- (F) 4" CRUSHED STONE FOR SLOPE PROTECTION
- (G) 6" PROCESSED AGGREGATE BASE

NOTE:

1. "MATERIAL FOR TACK COAT" SHALL BE APPLIED PER SECTION 4.06 - BITUMINOUS CONCRETE OF THE SPECIAL PROVISIONS.



TYPICAL SECTIONS

TEMP. HARVEY LANE

REV.	DATE	REVISION DESCRIPTION	SHEET NO.

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SCALE IN FEET 0 20 40

SCALE 1"=20'

STATE OF CONNECTICUT
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Filename: ...\HW_MSH_139-103_MPT-02.dgn

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BL Companies
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355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RAILROAD-HIGHWAY GRADE CROSSING IMPROVEMENTS HARVEY LANE

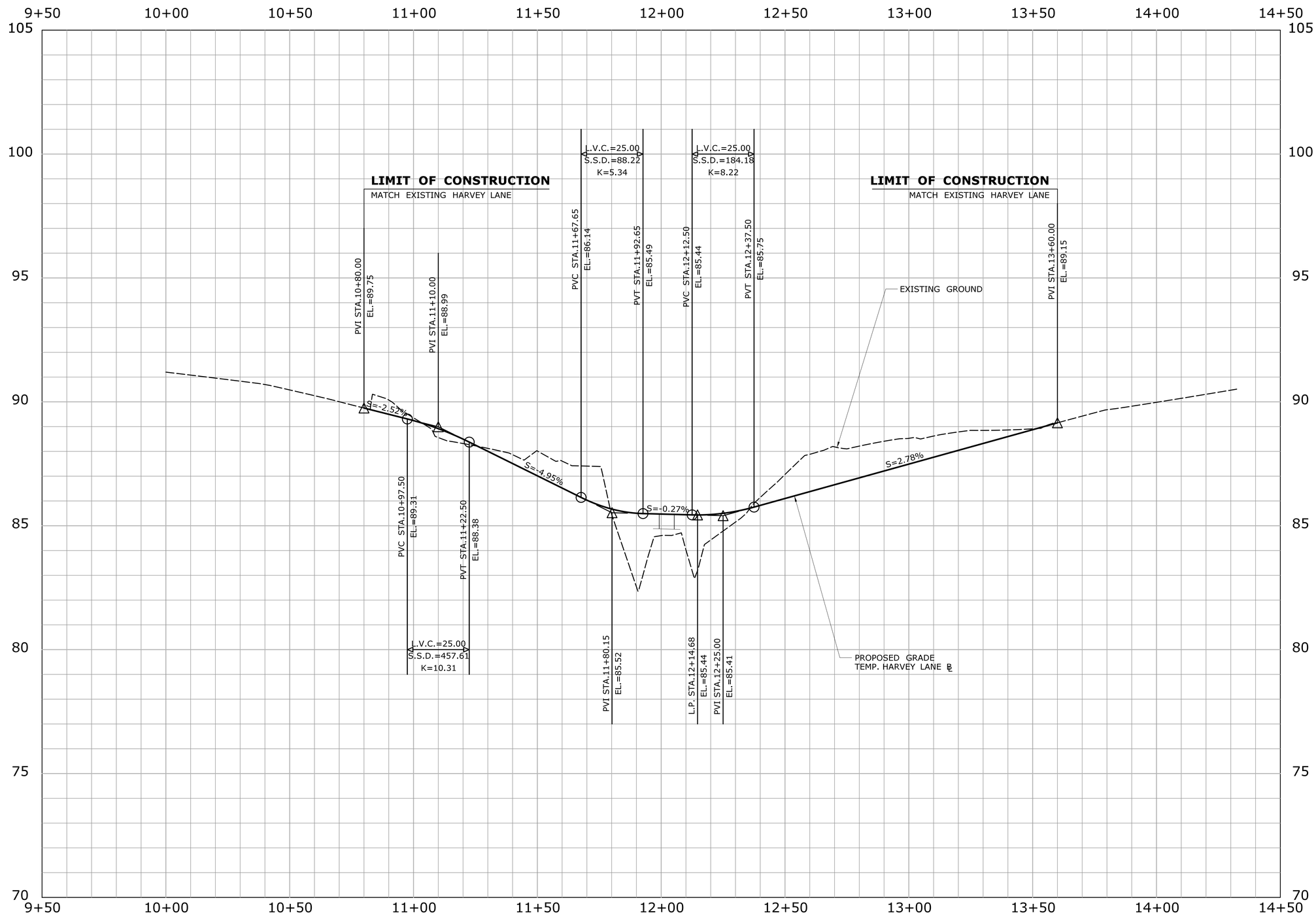
TOWN: **SUFFIELD**

DRAWING TITLE: **TEMP. HARVEY LANE**

PROJECT NO. **139-103**

DRAWING NO. **MPT-02**

SHEET NO. **05.03**



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

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\HW_MSH_139-103_MPT-03.dgn

SIGNATURE/ BLOCK:

STATE OF CONNECTICUT
No. 31116
LICENSED PROFESSIONAL ENGINEER

BL Companies
BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RAILROAD-HIGHWAY GRADE CROSSING IMPROVEMENTS HARVEY LANE

TOWN: **SUFFIELD**

DRAWING TITLE: **TEMP. HARVEY LANE PROFILE**

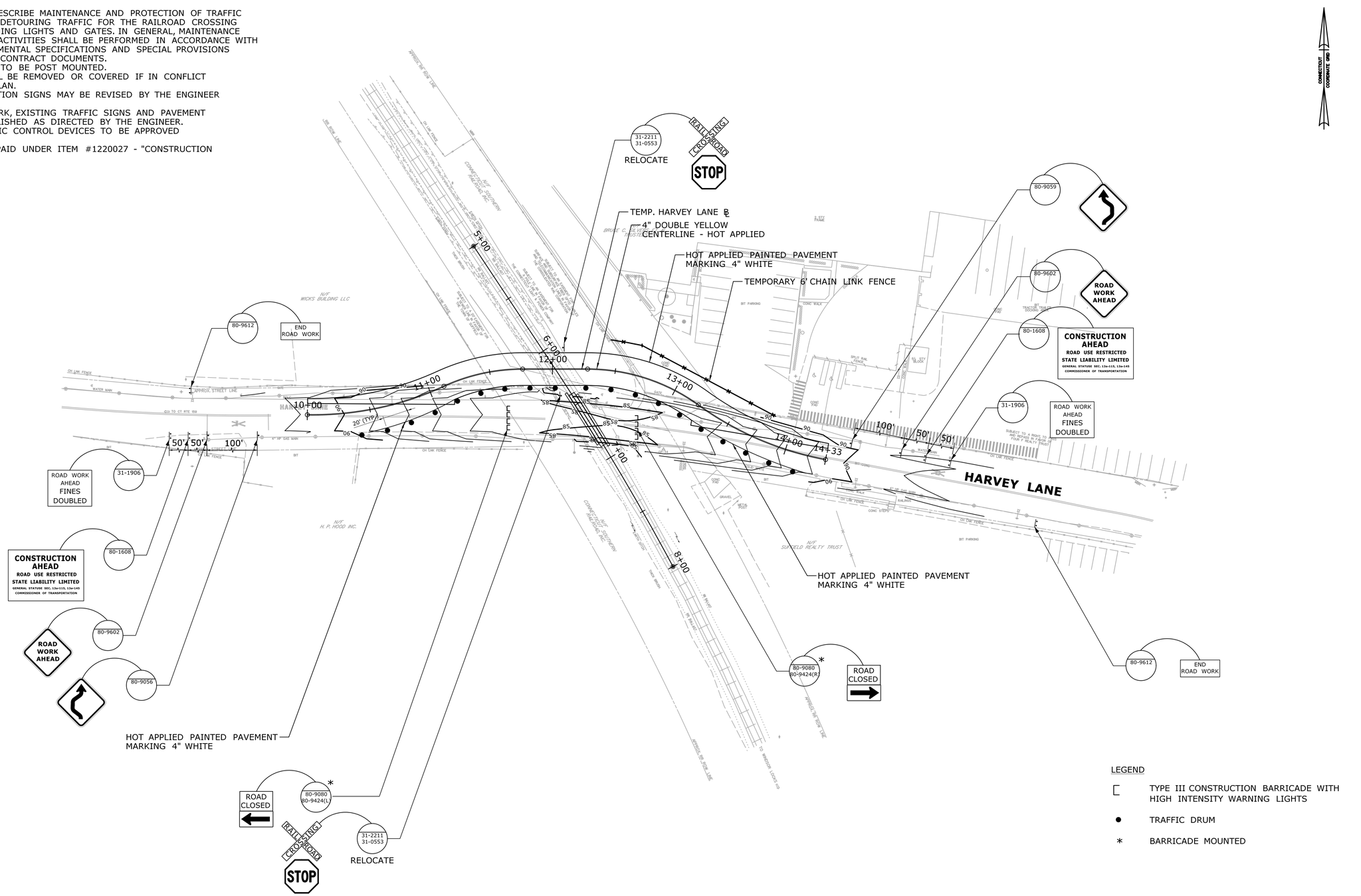
PROJECT NO. **139-103**

DRAWING NO. **MPT-03**

SHEET NO. **05.04**

MPT NOTES

1. THIS PLAN IS INTENDED TO DESCRIBE MAINTENANCE AND PROTECTION OF TRAFFIC ACTIVITIES ASSOCIATED WITH DETOURING TRAFFIC FOR THE RAILROAD CROSSING SURFACE AND RAILROAD FLASHING LIGHTS AND GATES. IN GENERAL, MAINTENANCE AND PROTECTION OF TRAFFIC ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH CTDOT FORM 817 AND SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS CONTAINED IN THE PROJECT'S CONTRACT DOCUMENTS.
2. ALL ADVANCE WARNING SIGNS TO BE POST MOUNTED.
3. EXISTING TRAFFIC SIGNS SHALL BE REMOVED OR COVERED IF IN CONFLICT WITH THE TRAFFIC CONTROL PLAN.
4. DISTANCE BETWEEN CONSTRUCTION SIGNS MAY BE REVISED BY THE ENGINEER TO MEET FIELD CONDITIONS.
5. UPON COMPLETION OF THE WORK, EXISTING TRAFFIC SIGNS AND PAVEMENT MARKINGS SHALL BE RE-ESTABLISHED AS DIRECTED BY THE ENGINEER.
6. EXACT LOCATION OF ALL TRAFFIC CONTROL DEVICES TO BE APPROVED BY THE ENGINEER.
7. CONSTRUCTION SIGNS TO BE PAID UNDER ITEM #1220027 - "CONSTRUCTION SIGNS."



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SCALE IN FEET 0 40 80

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Filename: ...\HW_MSH_139-103_MPT-04.dgn

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BL Companies
BL COMPANIES, INC.
355 RESEARCH PARKWAY
MERIDEN, CT 06450

PROJECT TITLE:
RAILROAD-HIGHWAY GRADE CROSSING IMPROVEMENTS
HARVEY LANE

TOWN: SUFFIELD

DRAWING TITLE:
TEMP. HARVEY LANE PAVEMENT MARKING PLAN

PROJECT NO. 139-103

DRAWING NO. MPT-04

SHEET NO. 05.05