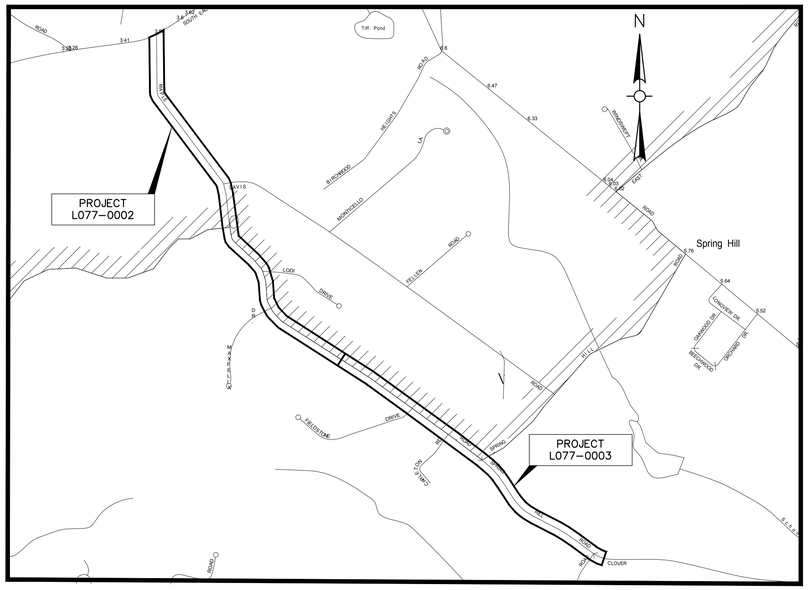
TOWN OF MANSFIELD

MAPLE ROAD

COMPLETE STREETS IMPROVEMENTS
ROAD RECONSTRUCTION & MULTI-USE PATH
PHASE 1 & 2
LOTCIP PROJECTS
L077-0002 & L077-0003

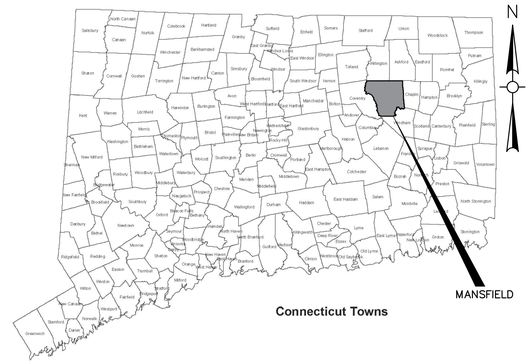
SEMI-FINAL DESIGN SUBMISSION APRIL 2025



LOCATION MAP
SCALE: 1" = 1000'

CONTENTS

SHEET NAME	SHEET TITLE
COV-01	COVER SHEET
GEN-01	GENERAL NOTES, LEGENDS, AND INDEX PLAN
EX-01 TO EX-17	EXISTING CONDITIONS PLANS
BOR-01 TO BOR-05	BORING LOGS
TYP-01	TYPICAL SECTIONS
DET-01	SEDIMENTATION AND EROSION CONTROL DETAILS
DET-02	MISCELLANEOUS DETAILS
DET-03 TO DET-09	CTDOT HIGHWAY GUIDE SHEETS
DET-10 TO DET-12	CTDOT TRAFFIC GUIDE SHEETS
IGP-01 TO IGP-02	INTERSECTION GRADING PLANS
HWY-01 TO HWY-17	ROADWAY PLANS
PRO-01 TO PRO-17	ROADWAY PROFILES
SPM-01 TO SPM-17	SIGNING AND PAVEMENT MARKING PLANS
XSC-01 TO XSC-89	CROSS SECTIONS



TOWN LOCATION MAP
SCALE: N.T.S.

PROJECT SPECIFICATIONS:

CONNECTICUT DEPARTMENT OF TRANSPORTATION SPECIFICATIONS FORM 819 (2024) WITH JANUARY 2025 SUPPLEMENTS

SURVEY INFORMATION:
TOPOGRAPHIC FIELD SURVEY PERFORMED BY AHNEMAN KIRBY, LLC IN MARCH OF 2023

VERTICAL DATUM - NAVD88
HORIZONTAL DATUM - NAD83

DESIGNED BY:
WESTON & SAMPSON ENGINEERS, INC.
712 BROOK STREET, SUITE 103
ROCKY HILL, CT 06067

ANTONIA MORAN
MAYOR

JOHN CARRINGTON
DIRECTOR OF PUBLIC WORKS

PLANS APPROVED BY: _____

Weston & Sampson SM
712 Brook Street, Suite 103, Rocky Hill, CT 06067
860.513.1473 800.SAMPSON
www.westonandsampson.com

GENERAL:

1. SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SHOWN ON THE DRAWINGS TO SCALE OR TO THEIR ACTUAL DIMENSIONS OR LOCATION. COORDINATE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
2. DO NOT RELY SOLELY ON ELECTRONIC VERSIONS OF THESE DRAWINGS, SPECIFICATIONS, AND DATA FILES THAT ARE PROVIDED BY THE ENGINEER. FIELD VERIFY LOCATION OF PROJECT FEATURES.
3. THE CONTRACTOR SHALL PERFORM NECESSARY CONSTRUCTION NOTIFICATIONS, APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES, AND POST BONDS ASSOCIATED WITH THE WORK AS REQUIRED BY THE CONTRACT DOCUMENTS.
4. FENCES, MAIL BOXES, ETC. SHALL BE REMOVED AND REPLACED AS NECESSARY TO PERFORM THE WORK. UNLESS OTHERWISE INDICATED, ALL SUCH WORK SHALL BE PAID FOR UNDER CLEARING AND GRUBBING.
5. ALL AREAS DISTURBED BY THE CONTRACTOR BEYOND PAYMENT LIMITS SHALL BE RESTORED AT NO ADDITIONAL COST TO THE TOWN. PAVEMENT SHALL BE REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS AND AS SHOWN ON THE DRAWINGS.
6. THE CONTRACTOR SHALL MAINTAIN SIDE SLOPES AND DRAINAGE SWALES DURING CONSTRUCTION TO PREVENT PONDING AND EROSION.
7. THE CONTRACTOR SHALL NOT STORE ANY APPARATUS, MATERIALS, SUPPLIES OR EQUIPMENT ON DRAINAGE STRUCTURES OR WITHIN 100 FEET OF WETLANDS.
8. THE CONTRACTOR SHALL GRADE PROPOSED SLOPES TO MEET EXISTING SLOPES WHERE SHOWN ON PLANS, IN ACCORDANCE WITH THE MINIMUM AND MAXIMUM SLOPES SPECIFIED.
9. ALL STREET EXCAVATIONS SHALL BE COMPLETELY CLOSED AT THE END OF EACH WORKING DAY BY BACKFILLING. COVERING WITH STEEL PLATES MAY BE ALLOWED IF APPROVED BY THE ENGINEER.
10. WHERE ENCOUNTERED, UNSUITABLE MATERIAL SHALL BE REMOVED TO A DEPTH OF AT LEAST 12-INCHES BELOW THE BOTTOM OF TRENCH EXCAVATIONS AND REPLACED WITH GRANULAR FILL, UNLESS OTHERWISE SPECIFIED.
11. DURING THE PROCESS OF WORK, THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE AREA OF CONSTRUCTION ACTIVITIES, INCLUDING SWEEPING AND WATER FOR DUST CONTROL AS NECESSARY, TO MINIMIZE CREATION AND DISPERSION OF DUST.
12. WHERE EXISTING FENCES ARE TO BE REMOVED AND RESET, A TEMPORARY CONSTRUCTION FENCE SHALL BE ERECTED AFTER REMOVAL FOR THE PROTECTION OF THE RESIDENTS. TEMPORARY CONSTRUCTION FENCES SHALL BE PAID FOR UNDER CLEARING AND GRUBBING.
13. ALL HIGHWAY LINE MONUMENTATION WITHIN THE PROJECT LIMITS MUST BE DELINEATED AND PROTECTED FROM DAMAGE OR MOVEMENT. ANY COST ASSOCIATED WITH RESETTING OF THE MONUMENTATION SHALL BE AT THE CONTRACTOR'S EXPENSE IF DISTURBED BY CONTRACTOR.
14. THE CONTRACTOR SHALL COMPLETE ALL LAYOUTS, SURVEYS, ETC. REQUIRED FOR CONSTRUCTION OF THE PROJECT AS SHOWN AND AS SPECIFIED.
15. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THE PROPER STORM DRAINAGE AND SANITARY FLOWS ARE MAINTAINED THROUGHOUT THE CONSTRUCTION DURATION.
16. ALL PROPOSED MANHOLES, MANHOLE COVERS AND FRAMES, CATCH BASINS, AND CATCH BASIN GRATES AND FRAMES SHALL CONFORM TO THE REQUIREMENTS AS SHOWN IN THE CONTRACT PLANS AND DOCUMENTS.
17. REMOVAL OF ALL TREES WITHIN THE EXCAVATION LINES SHALL BE PAID FOR BY CLEARING AND GRUBBING.
18. ALL GUIDE RAIL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND ISSUED REVISIONS/SUPPLEMENTS, AND STANDARD DETAILS.

WORK RESTRICTIONS:

1. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, FIRE HYDRANTS, AND UTILITIES WITHOUT APPROPRIATE PERMITS.
2. NO WORK WILL BE ALLOWED TO BE PERFORMED ON SUNDAY AND ON ALL TOWN HOLIDAYS WITHOUT TOWN AUTHORIZATION.
3. ALL CONSTRUCTION ACTIVITIES, INCLUDING THE LOADING AND UNLOADING OF MATERIALS AND EQUIPMENT, SHALL BE LIMITED TO MONDAY THROUGH FRIDAY FROM 7:00 AM TO 6:00 PM AND SATURDAY FROM 9:00 AM TO 5:00 PM UNLESS OTHERWISE AUTHORIZED BY THE TOWN. TOWN MUST BE NOTIFIED AT LEAST 24-HOURS IN ADVANCE OF ANY WORK ON SATURDAY.

REGULATORY REQUIREMENTS:

1. WITHIN LOCAL RIGHTS-OF-WAY, PERFORM THE WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND ISSUED REVISIONS AS SUPPLEMENTED BY THE TECHNICAL SPECIFICATIONS INCLUDED IN THIS CONTRACT.
2. WITHIN STATE RIGHTS-OF-WAY, PERFORM THE WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND ISSUED REVISIONS/SUPPLEMENTS.
3. PROVIDE TRAFFIC SIGNAGE AND PAVEMENT MARKINGS IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
4. BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY, PERFORM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
5. DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND LOCAL REQUIREMENTS.

EROSION AND SEDIMENT CONTROL:

1. THE CONTRACTOR SHALL INSTALL SPECIFIED EROSION AND CONTROL DEVICES BEFORE BEGINNING OTHER WORK ON SITE AND MAINTAIN THEM FOR THE DURATION OF THE PROJECT.
2. CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING INLET PROTECTION FOR EXISTING AND PROPOSED CATCH BASINS, IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE MOST RECENT EDITION OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (CT DEEP BULLETIN 34). ALL MEASURES SHALL BE MAINTAINED AND UPGRADED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION.
3. REFER TO THE DRAWINGS FOR EROSION AND SEDIMENT CONTROL LOCATIONS AND DETAILS.
4. IMPLEMENT ALL NECESSARY MEASURES REQUIRED TO CONTROL STORMWATER RUNOFF, DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE. PERFORM CORRECTIVE ACTION AS NEEDED FOR EROSION CLEAN-UP AND REPAIRS TO OFF SITE AREAS, IF ANY, AT NO COST TO OWNER.
5. EXISTING DRAINAGE STRUCTURES AND PIPES ARE TO BE CLEANED AND FLUSHED WHERE INDICATED ON THE PLANS AND SHALL BE PAID FOR BY "CLEAN EXISTING DRAINAGE SYSTEM".
6. INSPECT AND MAINTAIN EROSION CONTROL MEASURES WEEKLY AND AFTER MAJOR RAINFALL EVENTS, DISPOSE OF SEDIMENT IN AN UPLOAD AREA. DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
7. UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, REMOVE AND DISPOSE OF TEMPORARY EROSION CONTROL MEASURES, CLEAN SEDIMENT AND DEBRIS FROM TEMPORARY MEASURES AND FROM PERMANENT STORM DRAIN AND SANITARY SEWER SYSTEMS.

UTILITIES:

1. THE CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" AT 1-800-922-4455 AND THE TOWN AT LEAST 72 HOURS PRIOR TO EXCAVATING AT ANY LOCATION, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS. A COPY OF THE CBYD PROJECT REFERENCE NUMBER(S) SHALL BE PROVIDED WHEN COMPLETING THE HIGHWAY PERMIT APPLICATION. EXCAVATION SHALL COMMENCE ONCE A HIGHWAY PERMIT IS RECEIVED BY THE CONTRACTOR.
2. LOCATIONS OF EXISTING PIPES, CONDUITS, UTILITIES, FOUNDATIONS AND OTHER UNDERGROUND OBJECTS ARE NOT WARRANTED TO BE CORRECT AND THE CONTRACTOR SHALL HAVE NO CLAIM ON THAT ACCOUNT SHOULD THEY BE OTHER THAN SHOWN.
3. TEST PITS TO LOCATE EXISTING UTILITIES MAY BE ORDERED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM "TEST PIT".
4. THE CONTRACTOR SHALL TERMINATE EXISTING UTILITIES IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. COORDINATE UTILITY SERVICE DISCONNECTS WITH UTILITY REPRESENTATIVES.
5. THE CONTRACTOR SHALL COORDINATE THE WORK AND WORK SCHEDULE WITH UTILITY COMPANIES. PROVIDE ADEQUATE NOTICE TO UTILITIES TO PREVENT DELAYS IN CONSTRUCTION. VALVES AND SERVICE CURB STOPS ARE TO BE OPERATED BY GROTON UTILITY STAFF ONLY.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING OF FRAMES, GRATES, GATES, VALVE BOXES ETC., WHICH SHALL BE DONE IN ACCORDANCE WITH INDIVIDUAL UTILITY COMPANY REQUIREMENTS.
7. RIM ELEVATIONS FOR MANHOLES, VALVE COVERS, GATE AND PULL BOXES, AND OTHER STRUCTURES SHALL BE SET OR RESET FLUSH WITH FINAL GRADES.
8. EXISTING STRUCTURES SHALL BE CORED PRIOR TO INSTALLING PIPE.

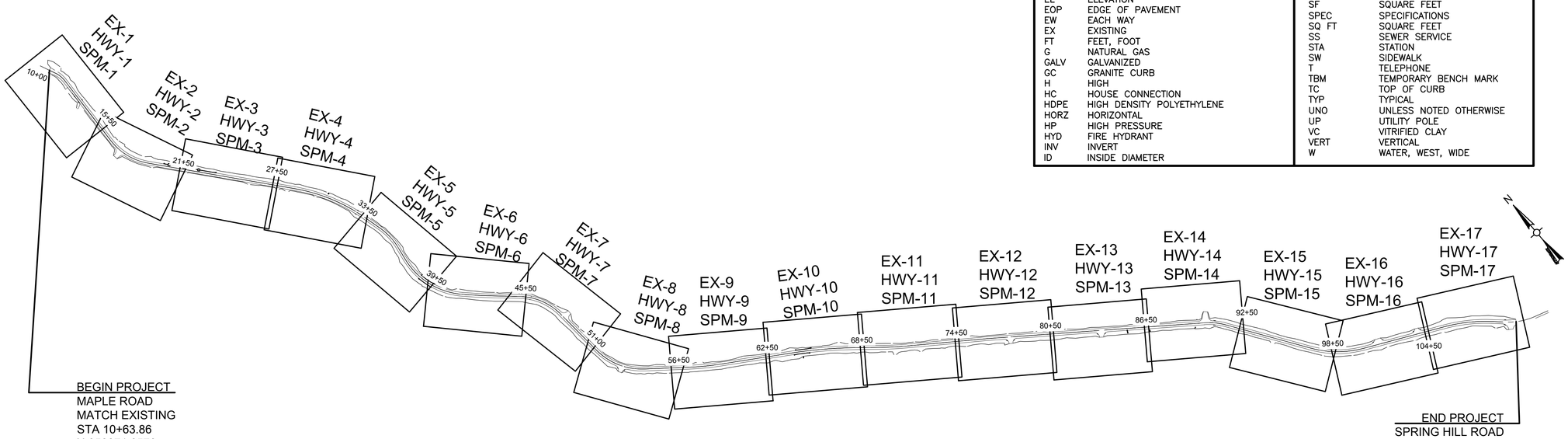
LEGEND

DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED
SANITARY SEWER	8" PVC SAN.	8" PVC SAN.	FENCE	X	X
WATER MAIN	W	W	INDIVIDUAL DECIDUOUS TREE		
STORM DRAIN	D		INDIVIDUAL EVERGREEN TREE		
ELECTRIC	E	E	TREE LINE		
TELEPHONE	T	T	BUSH		
SANITARY SEWER LATERAL	SS	SS	STUMP		
WATER SERVICE	WS	WS	SURVEY MARKER		
SANITARY SEWER MANHOLE	SMH	SMH	PROPERTY LINE		
STORM DRAIN MANHOLE		DMH	EASEMENT LINE		
ELECTRICAL MANHOLE		EMH	SPOT ELEVATIONS	× 100.2	× 101.5
TELEPHONE MANHOLE		TMH	CONTOUR LINES	56	56
CATCH BASIN			DEPRESSION CONTOUR LINES		
HYDRANT			HOUSE NUMBER	#35	
WATER GATE		WG	FLOOR ELEVATION	FL=56.7	
SPRINKLER HEAD			SILL ELEVATION	S=56.7	
UTILITY POLE			WETLAND		
GUY POLE			WETLAND FLAGS	WF#	
GUY WIRE			GRASS PAVERS		
OVERHEAD WIRE			GUIDE RAIL		
LIGHT POST			POST		
EDGE OF PAVEMENT			SIGN		
EDGE OF UNPAVED ROAD			BENCH MARK		
SAFETY EDGE			TEST PIT	TP 1	TP-1
BERM			BORING	B-1	
SIDEWALK	CONC. WALK	CONC. WALK	DRAINAGE DITCH / SWALE		
BOULDER			MAILBOX		
STONE WALL			FENCE	X	
RETAINING WALL	RET. WALL	RET. WALL			

ITEMS SHOWN IN THE LEGEND MAY NOT BE PRESENT IN THESE PLANS

ABBREVIATIONS

AC	ASBESTOS CEMENT PIPE
BC	BITUMINOUS CONCRETE, BOTTOM OF CURB
BIT	BITUMINOUS
BLDG	BUILDING
BM	BENCH MARK
CATV	CABLE TELEVISION
CB	CATCH BASIN
CC	CONCRETE CURB
CI	CAST IRON
℄	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
CP	CONTROL POINT
CU FT	CUBIC FEET
CY	CUBIC YARD
DI	DROP INLET, DUCTILE IRON
DIA	DIAMETER
DMH	DRAIN MANHOLE
E	ELECTRIC, EAST
EA	EACH
EL	ELEVATION
EOP	EDGE OF PAVEMENT
EW	EACH WAY
EX	EXISTING
FT	FEET, FOOT
G	NATURAL GAS
GALV	GALVANIZED
GC	GRANITE CURB
H	HIGH
HC	HOUSE CONNECTION
HDPE	HIGH DENSITY POLYETHYLENE
HORZ	HORIZONTAL
HP	HIGH PRESSURE
HYD	FIRE HYDRANT
INV	INVERT
ID	INSIDE DIAMETER
IP	IRON PIPE
LF	LINEAR FEET
LPS	LOW PRESSURE SEWER
LS	LUMP SUM
MAX	MAXIMUM
MB	MAIL BOX
MECH	MECHANICAL
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
N	NORTH
NF	NOT FOUND
NO OR #	NUMBER
PE	POLYETHYLENE
ℙ	PROPERTY LINE
PVC	POLYVINYL CHLORIDE
PR	PROPOSED
PVMT	PAVEMENT
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT-OF-WAY
S	SEWER, SOUTH
SF	SQUARE FEET
SPEC	SPECIFICATIONS
SQ FT	SQUARE FEET
SS	SEWER SERVICE
STA	STATION
SW	SIDEWALK
T	TELEPHONE
TBM	TEMPORARY BENCH MARK
TC	TOP OF CURB
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UP	UTILITY POLE
VC	VITRIFIED CLAY
VERT	VERTICAL
W	WATER, WEST, WIDE



INDEX PLAN
SCALE: 1" = 350'

Project:
TOWN OF MANSFIELD
COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH
4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson
Weston & Sampson Engineers, Inc.
712 Brook Street, Suite 103
Rocky Hill, CT 06067
978.532.1900 800.SAMPSON
www.westonandsampson.com

Consultants:

Revisions:

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Reviewed By:	NSD
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W&S File No.:	

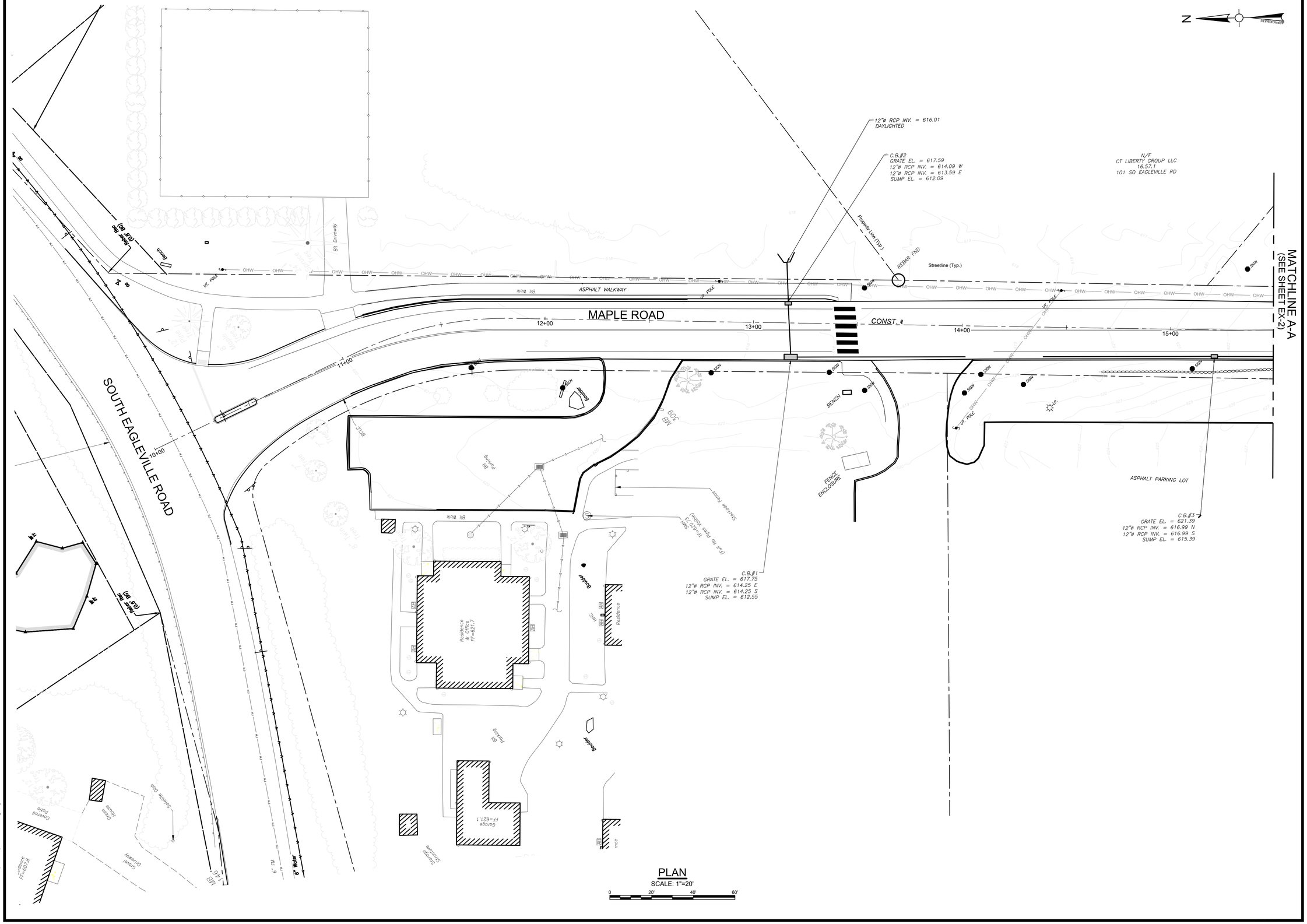
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Sheet Number:
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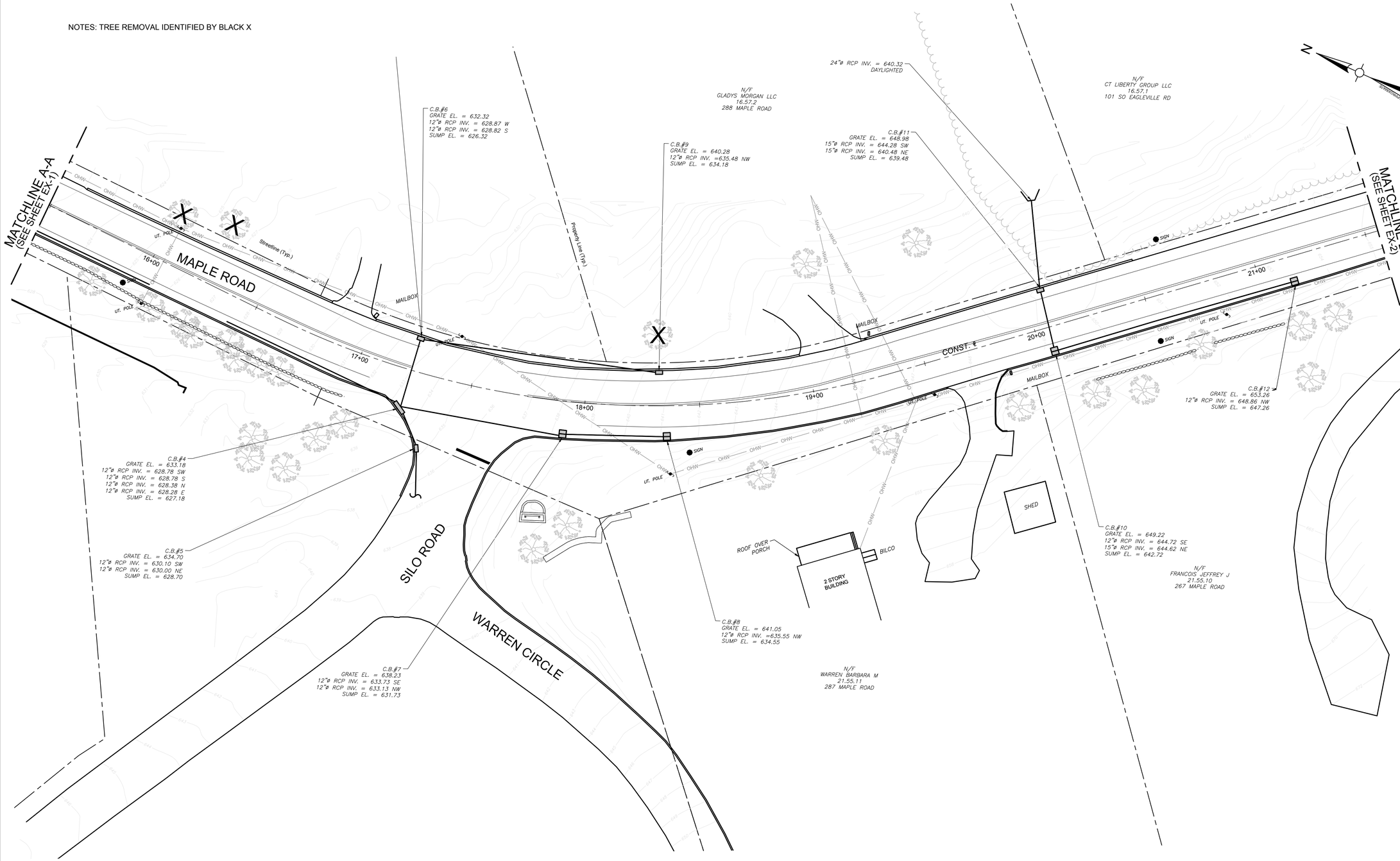
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MAPLE ROAD
SOUTH EAGLEVILLE ROAD
MATCHLINE A-A
(SEE SHEET EX-2)
12"ø RCP INV. = 616.01
DAYLIGHTED
C.B.#2
GRATE EL. = 617.59
12"ø RCP INV. = 614.09 W
12"ø RCP INV. = 613.59 E
SUMP EL. = 612.09
N/F
CT LIBERTY GROUP LLC
16.57.1
101 SO EAGLEVILLE RD
Property Line (Typ.)
REBAR FND
Streetline (Typ.)
ASPHALT WALKWAY
CONST. ℄
ASPHALT PARKING LOT
BENCH
FENCE ENCLOSURE
C.B.#3
GRATE EL. = 621.39
12"ø RCP INV. = 616.99 N
12"ø RCP INV. = 616.99 S
SUMP EL. = 615.39
C.B.#1
GRATE EL. = 617.75
12"ø RCP INV. = 614.25 E
12"ø RCP INV. = 614.25 S
SUMP EL. = 612.55
Residence
Residence
Garage
Storage Structure
Covered patio
Green House
Gravel Driveway
Sanitary Drain
Bit Driveway
Bit Walk
Bench
Boulder
Shade Tree (Typ.)
Shade Tree (Typ.)
Shade Tree (Typ.)

NOTES: TREE REMOVAL IDENTIFIED BY BLACK X



PLAN
SCALE: 1"=20'
0 20' 40' 60'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
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Drawing Title:

EXISTING CONDITIONS PLANS

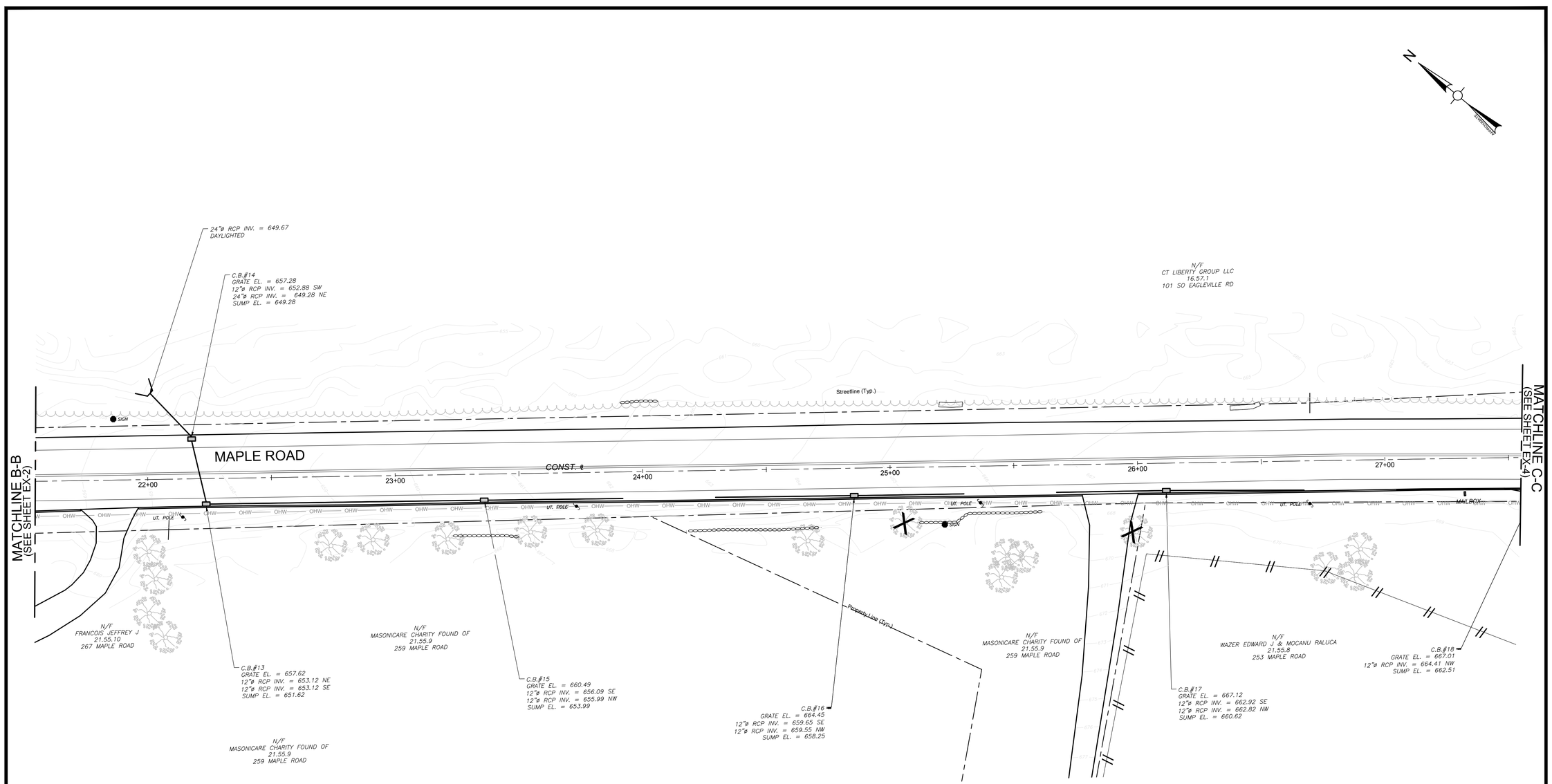
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EX-02

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PLAN
SCALE: 1"=20'
0 20' 40' 60'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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W&S File No.:	

Drawing Title:

EXISTING CONDITIONS PLANS

Sheet Number:

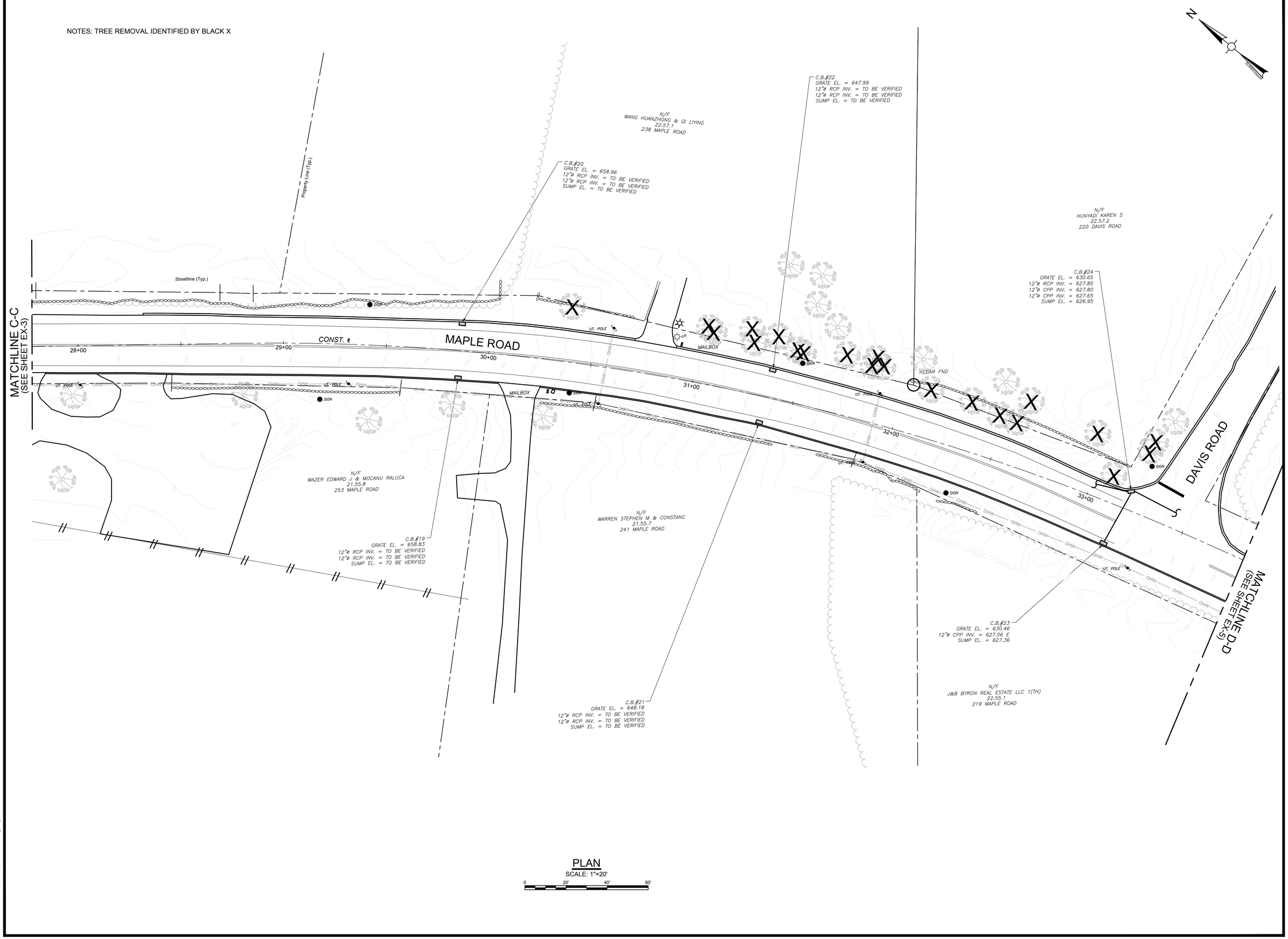
EX-03

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NOTES: TREE REMOVAL IDENTIFIED BY BLACK X



PLAN
SCALE: 1"=20'
0 20' 40' 60'

P:\CT\Mansfield CT\ENG21\0827 Maple Road\5 Maple Road CAD\MAPLE RD_EX.dwg

Project:
TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
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Drawn By:	WW
Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

EXISTING CONDITIONS PLANS

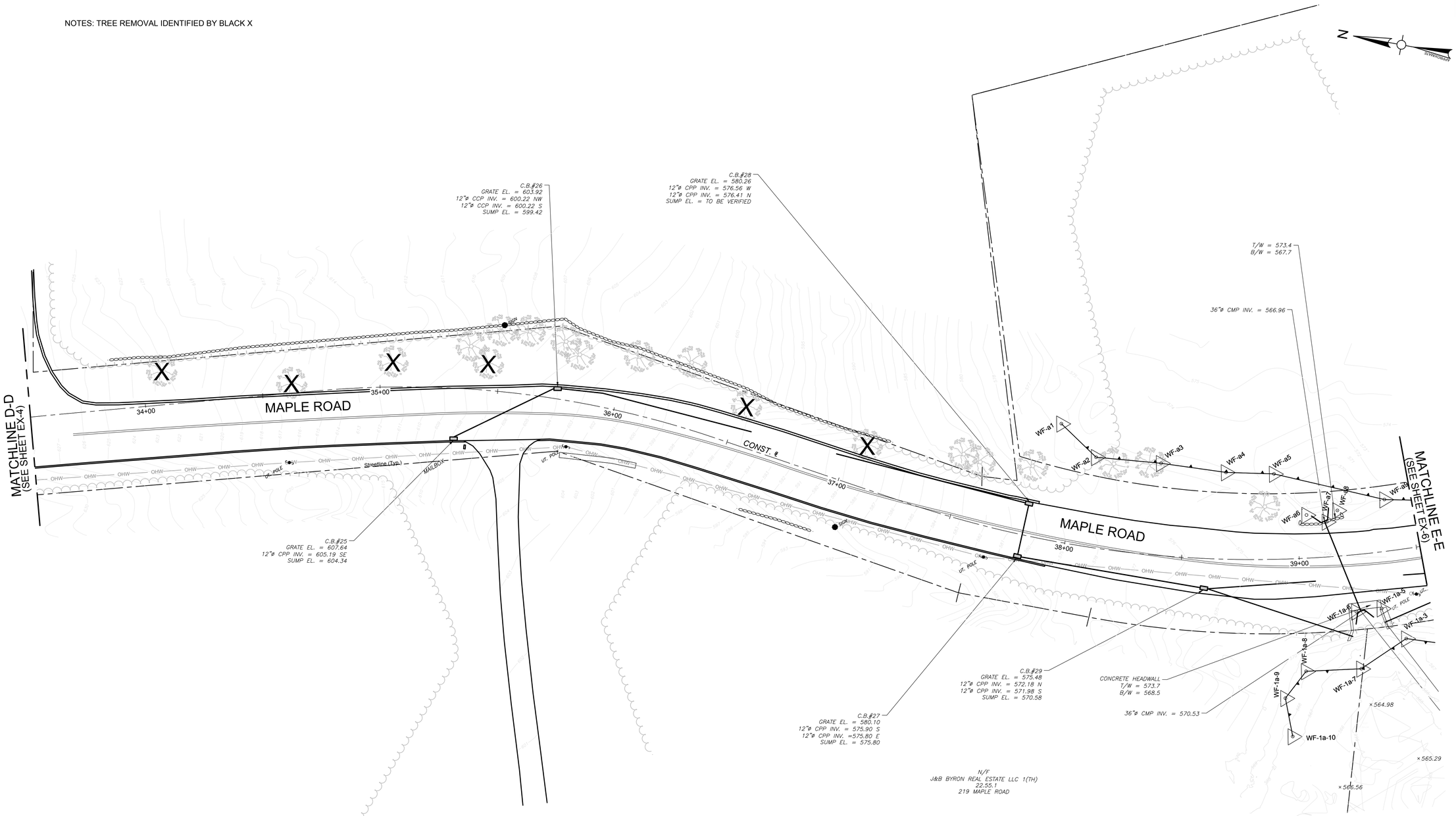
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EX-04

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PLAN
SCALE: 1"=20'
0 20' 40' 60'

P:\CT\Mansfield CT\ENG25.0827 Maple Road\5 Maple Road CAD\MAPLE RD_EX.dwg

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

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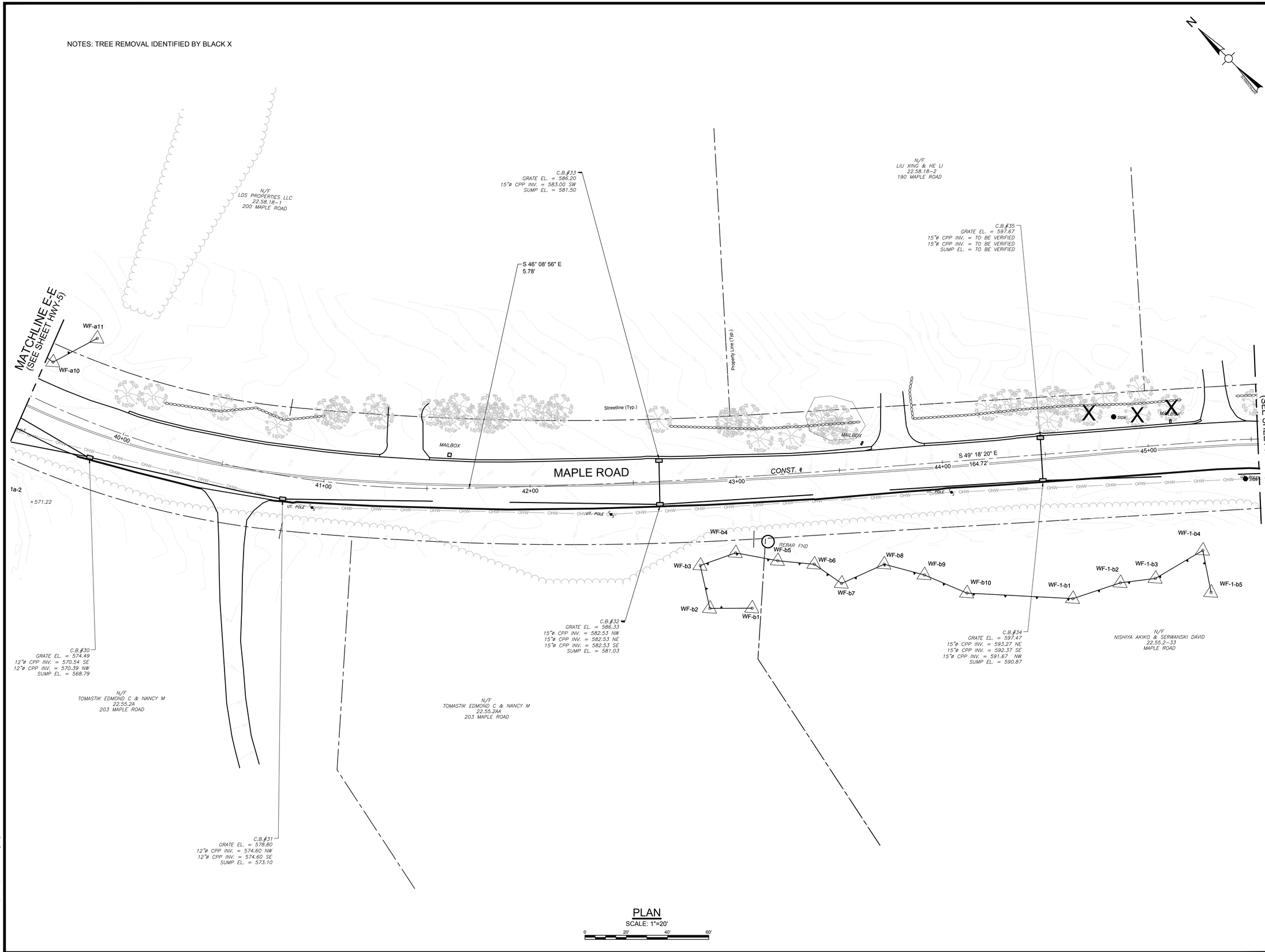
Sheet Number:

EX-05

Rev. 1.6 Date: 04/10/2019

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NOTES: TREE REMOVAL IDENTIFIED BY BLACK X



PLAN
SCALE: 1"=20'
0 20' 40' 60'

P:\CT\Mansfield CT\ENG24\1262\1 Maple Road\1 Maple Road\CAD\WAYS_ERD_EX.dwg

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

EXISTING CONDITIONS PLANS

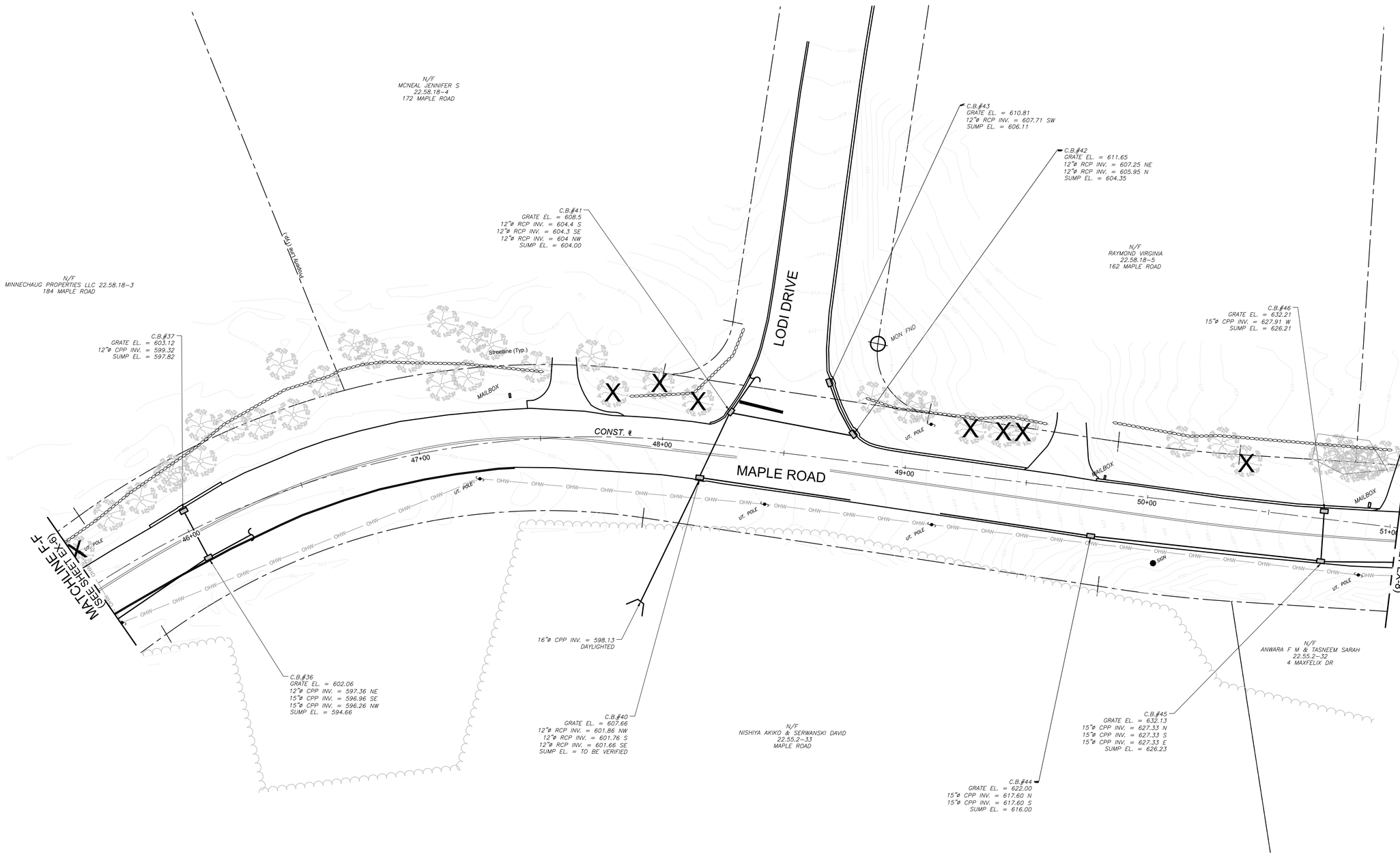
Sheet Number:

EX-06

Rev: 1.6 Date: 04/10/2019

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NOTES: TREE REMOVAL IDENTIFIED BY BLACK X



PLAN
SCALE: 1"=20'
0 20' 40' 60'

Project:

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Drawn By:	WW
Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

EXISTING CONDITIONS PLANS

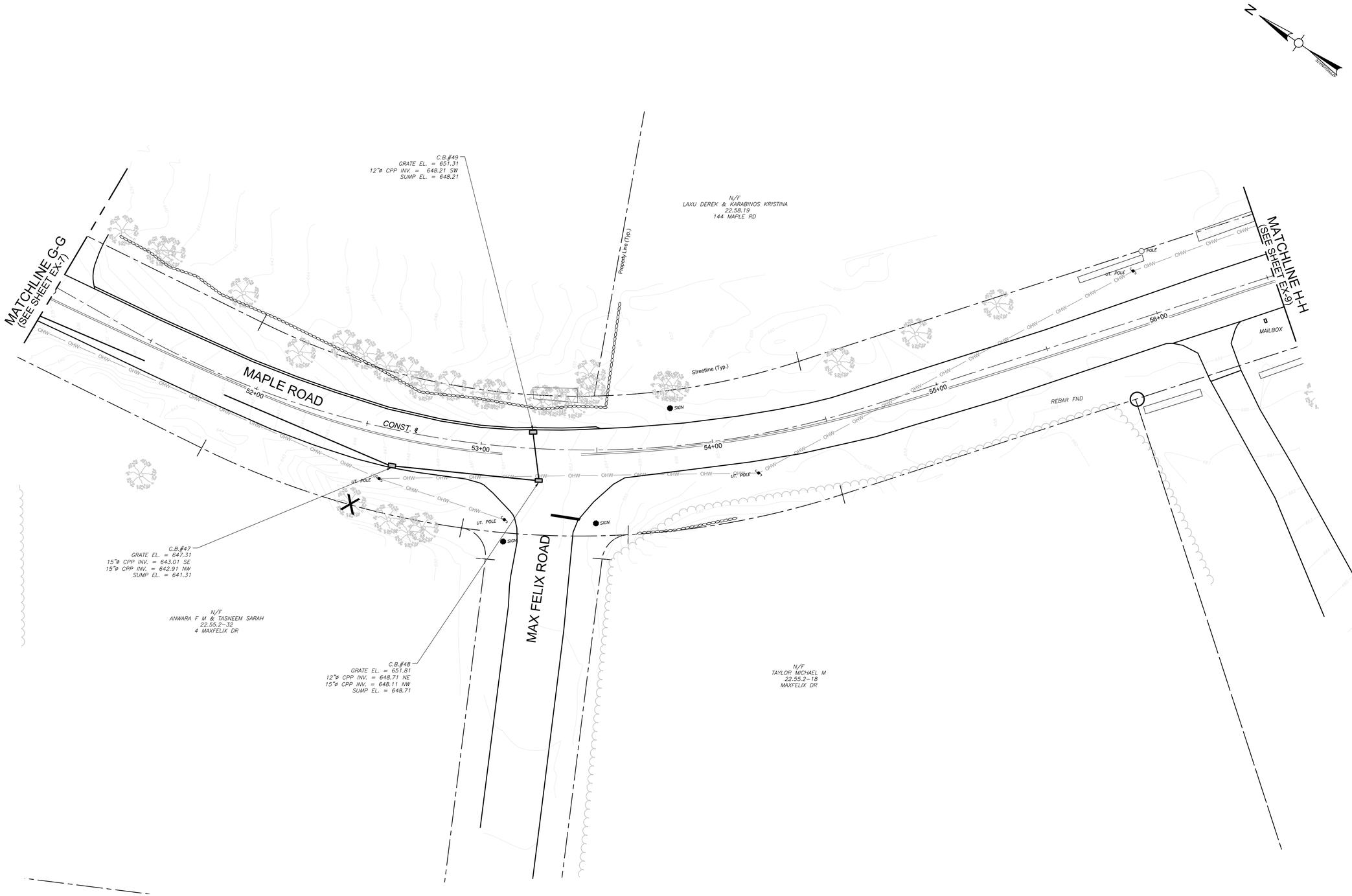
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EX-07

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Rev: 1.6 Date: 04/10/2019

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PLAN
SCALE: 1"=20'
0 20' 40' 60'

Project:

TOWN OF MANSFIELD

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W&S File No.:	

Drawing Title:

EXISTING CONDITIONS
PLANS

Sheet Number:

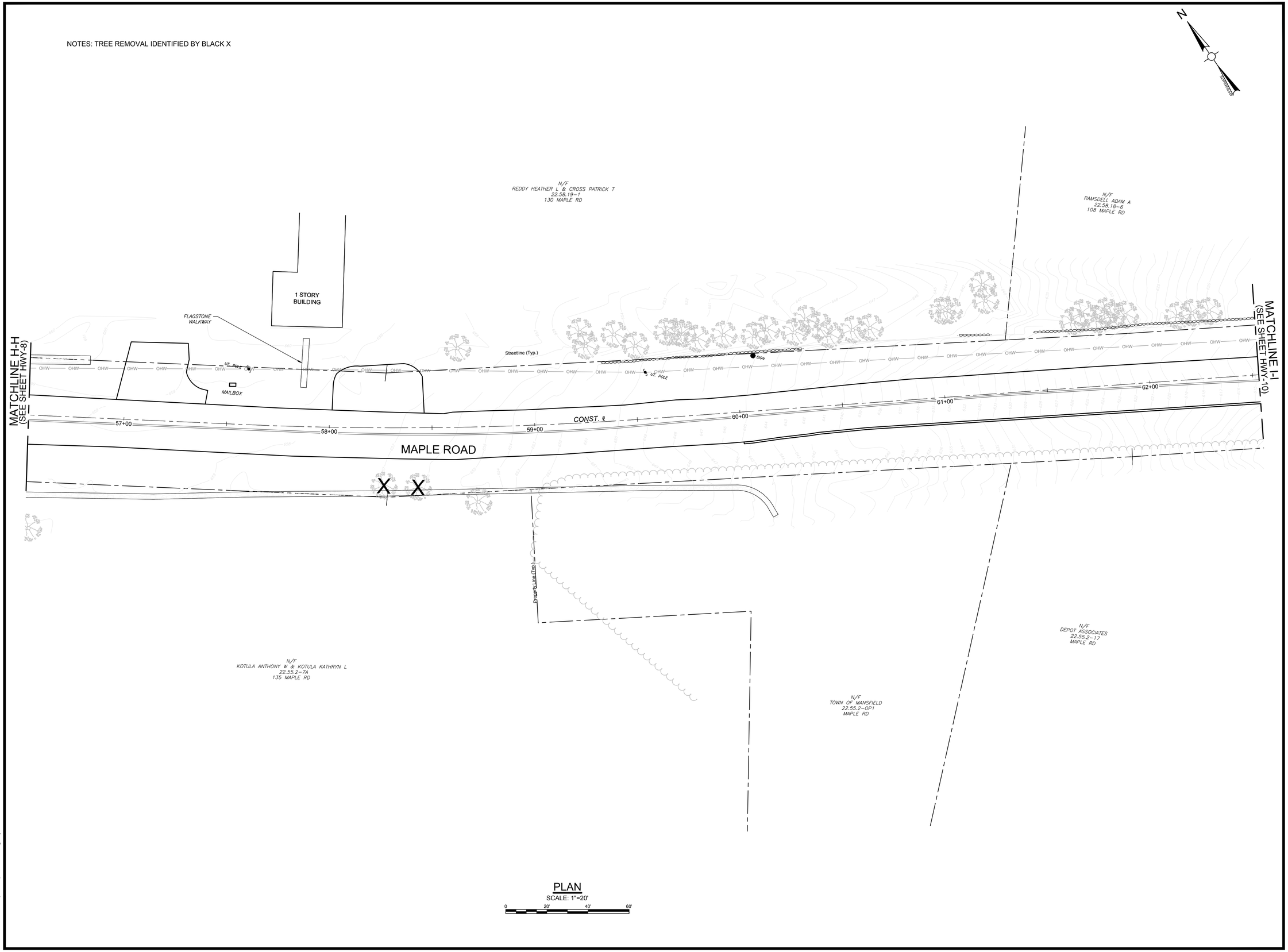
EX-08

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NOTES: TREE REMOVAL IDENTIFIED BY BLACK X



PLAN
SCALE: 1"=20'
0 20' 40' 60'

Project:
TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

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W&S File No.:	

Drawing Title:

EXISTING CONDITIONS PLANS

Sheet Number:

EX-09

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Rev: 1.6 Date: 04/10/2019

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NOTES: TREE REMOVAL IDENTIFIED BY BLACK X

N

MATCHLINE I-I
(SEE SHEET HWY-9)

MATCHLINE J-J
(SEE SHEET HWY-11)

MAPLE ROAD

CONST. ℄

63+00 64+00 65+00 66+00 67+00 68+00

Property Line (Typ.)

Streetline (Typ.)

REBAR FND.

MAILBOX

UT. POLE ℄

N/F
RAMSDELL ADAM A
22.58.18-6
108 MAPLE RD

15"ø CPP INV. = 609.69
DAYLIGHTED

C.B.#51
GRATE EL. = 607.29
15"ø CPP INV. = 602.19 SW
15"ø CPP INV. = 601.99 NW
SUMP EL. = 601.29

N/F
KLASSEN JONATHAN & VERITY R
22.58.18-13
100 MAPLE RD

15"ø CPP INV. = 592.29
DAYLIGHTED

N/F
MEISSNER FRANCES V
22.58.18-14
94 MAPLE RD

C.B.#54
GRATE EL. = 596.44
15"ø CPP INV. = 591.84 SW
SUMP EL. = 590.144

N/F
GUO CHANGSHENG & LI LING
22.58.18-15
88 MAPLE RD

N/F
ANDERSON THE BETH M
REVOCAB
22.58.18-16
80 MAPLE RD

C.B.#57
GRATE EL. = 602.71
15"ø CPP INV. = 598.81 SW
SUMP EL. = 596.71

WF-e1
WF-e2
WF-e3
WF-e4
WF-e5

WF-1e-1
WF-1e-2
WF-1e-3
WF-1e-4
WF-1e-5
WF-1e-6
WF-1e-7
WF-1e-8
WF-1e-9
WF-1e-10
WF-1e-11
WF-1e-12
WF-1e-13
WF-1e-14
WF-1e-15

C.B.#50
GRATE EL. = 607.25
15"ø CPP INV. = 602.75 NW
15"ø CPP INV. = 602.45 SE
15"ø CPP INV. = 602.45 NE
SUMP EL. = 601.25

N/F
DEPOT ASSOCIATES
22.55.2-17
MAPLE RD

C.B.#52
GRATE EL. = 596.72
15"ø CPP INV. = 591.62 SE
18"ø RCP INV. = 591.32 SW
18"ø RCP INV. = 591.32 NE
SUMP EL. = 591.32

18"ø RCP INV. = 593.69
DAYLIGHTED

C.B.#53
GRATE EL. = 596.38
15"ø CPP INV. = 592.18 NE
15"ø CMP INV. = 592.08 NW
15"ø CMP INV. = 592.08 SE
SUMP EL. = 590.38

C.B.#55
GRATE EL. = 597.75
15"ø CPP INV. = 593.85 SE
15"ø CPP INV. = 593.75 NW
SUMP EL. = 591.85

C.B.#56
GRATE EL. = 602.57
15"ø CPP INV. = 599.12 SE
15"ø CPP INV. = 598.57 NW
15"ø CPP INV. = 598.37 NE
SUMP EL. = 597.67

N/F
CASA DOUGLAS J & TUTITA M
22.55.2-16
75 MAPLE RD

PLAN
SCALE: 1"=20'
0 20' 40' 60'

P:\CT\Mansfield CT\ENG24\1262 Maple Road\5 Maple Road CAD\MAPLE_ER_EX.dwg

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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Approved By:	JWS
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W&S File No.:	

Drawing Title:

EXISTING CONDITIONS PLANS

Sheet Number:

EX-10

Rev: 1.8 Date: 04/10/2019

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NOTES: TREE REMOVAL IDENTIFIED BY BLACK X

N/F
GARCIA JORGE PARICIO
22.58.18-17
74 MAPLE RD

N/F
MILLER WILLIAM & PATRICIA LIFE U
22.58.18-18
68 MAPLE RD

N/F
CAVARKAPA BRANKO &
CAVARKAPA ALEKSANDRA
22.58.18-19
62 MAPLE RD

N/F
MARK JOY
22.58.18-20
56 MAPLE RD

N/F
ANDERSON THE BETH M
REVOCAB
22.58.18-16
80 MAPLE RD

C.B.#59
GRATE EL. = 613.58
15"ø CPP INV. = 610.08 SW
SUMP EL. = 608.88

Property Line (Typ.)

Streetline (Typ.)

MATCHLINE J-J
(SEE SHEET EX-10)

MATCHLINE K-K
(SEE SHEET EX-12)

MAPLE ROAD

CONST. ℄

69+00 70+00 71+00 72+00 73+00 74+00

MAILBOX

ut. POLE

GAS PIPE
C.O.

C.B.#58
GRATE EL. = 613.82
15"ø CPP INV. = 609.97 NW
15"ø CPP INV. = 609.82 NE
SUMP EL. = 609.22

N/F
CASA DOUGLAS J & TUTITA M
22.55.2-16
75 MAPLE RD

N/F
ASHEY PETER F & SUSAN M
22.55.2-15
67 MAPLE RD

FENCE
ENCLOSURE

N/F
TOWN OF MANSFIELD
22.55.2-7
FIELDSTONE DR

N/F
CHOI KEVIN
22.55.2-14
55 MAPLE ROAD

PLAN
SCALE: 1"=20'
0 20' 40' 60'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

EXISTING CONDITIONS
PLANS

Sheet Number:

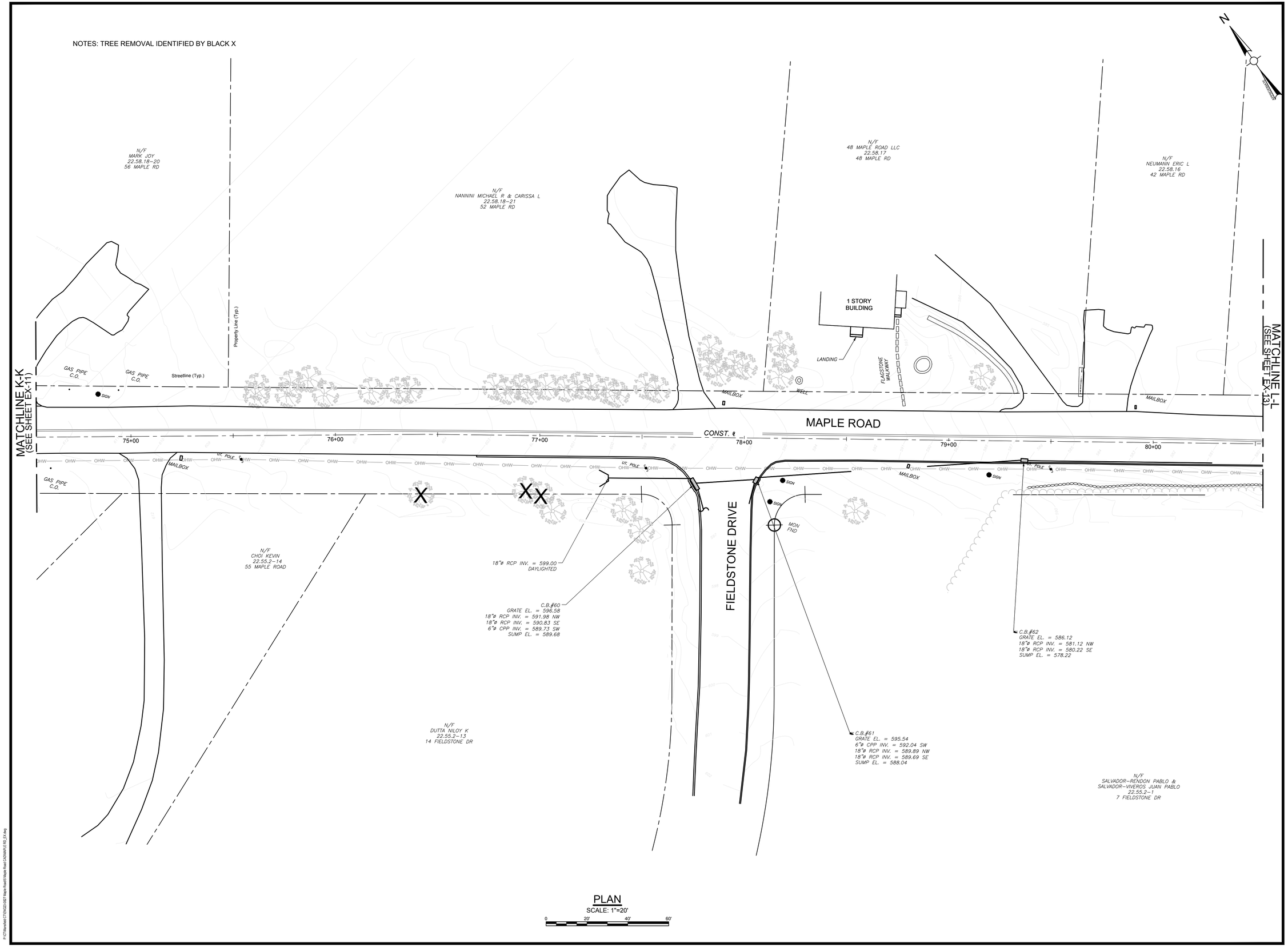
EX-11

P:\CT\Mansfield CT\ENG24\067 Maple Road\5 Maple Road CAD\MAPLE RD_EX.dwg

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PLAN
SCALE: 1"=20'
0 20' 40' 60'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

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W&S File No.:	

Drawing Title:

EXISTING CONDITIONS PLANS

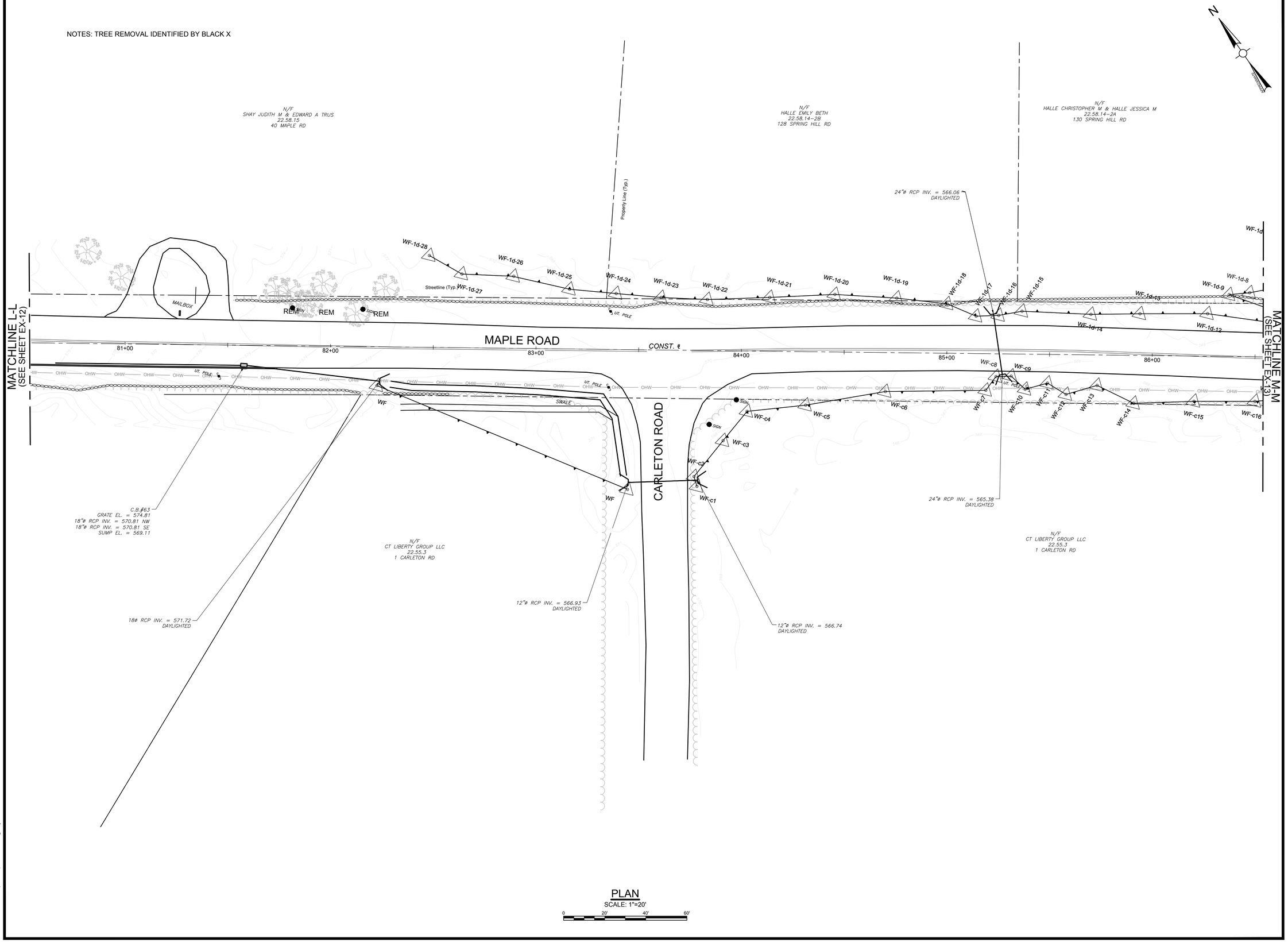
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EX-12

Rev: 1.6 Date: 04/10/2019

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NOTES: TREE REMOVAL IDENTIFIED BY BLACK X



PLAN
SCALE: 1"=20'
0 20' 40' 60'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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W&S File No.:	

Drawing Title:

EXISTING CONDTIONS PLANS

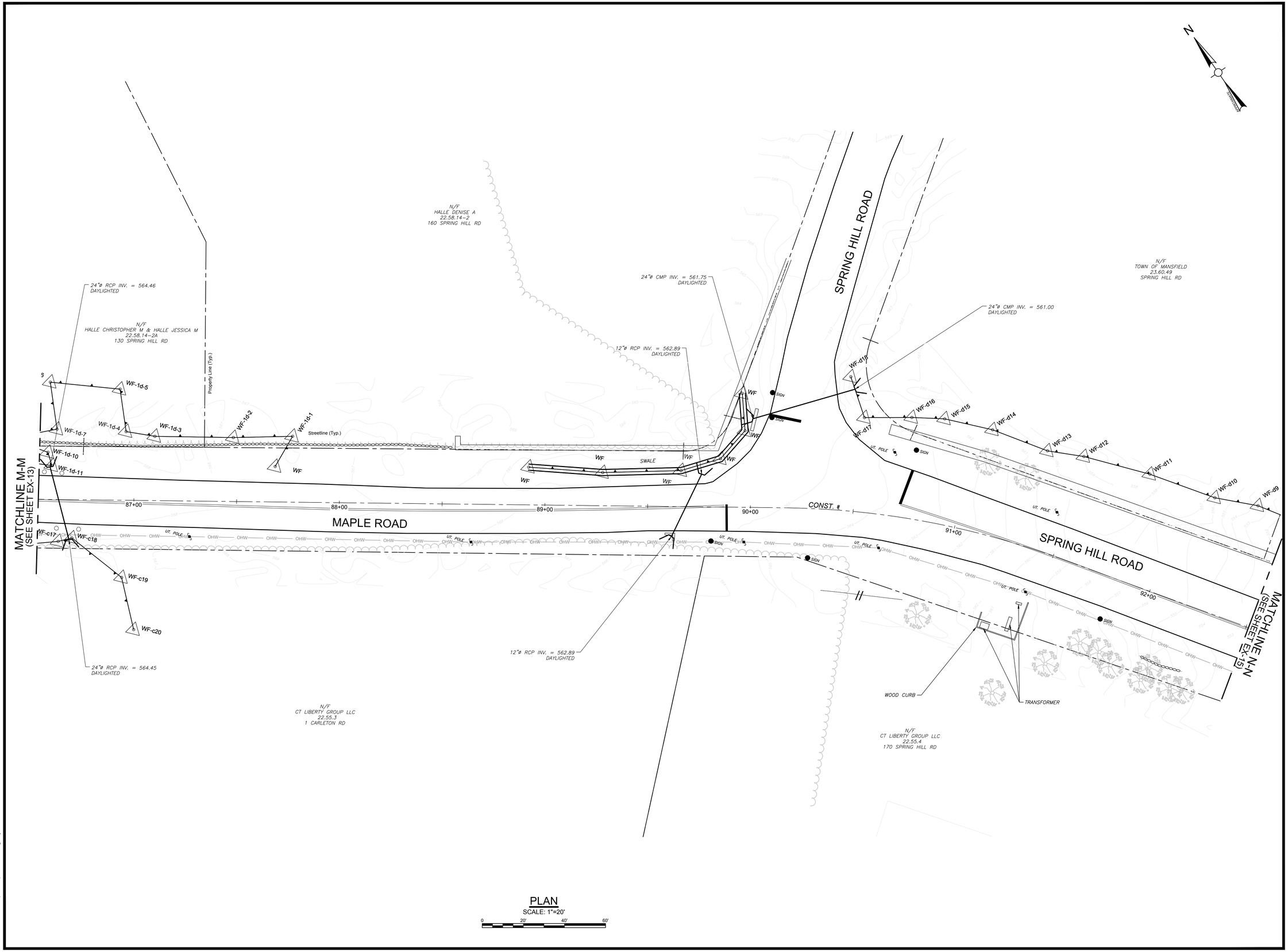
Sheet Number:

EX-13

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PLAN

SCALE: 1"=20'

0 20' 40' 60'

P:\CT\Mansfield CT\ENG\20-0827 Maple Road\5 Maple Road CAD\MAPLE RD_EX.dwg

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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W&S File No.:	

Drawing Title:

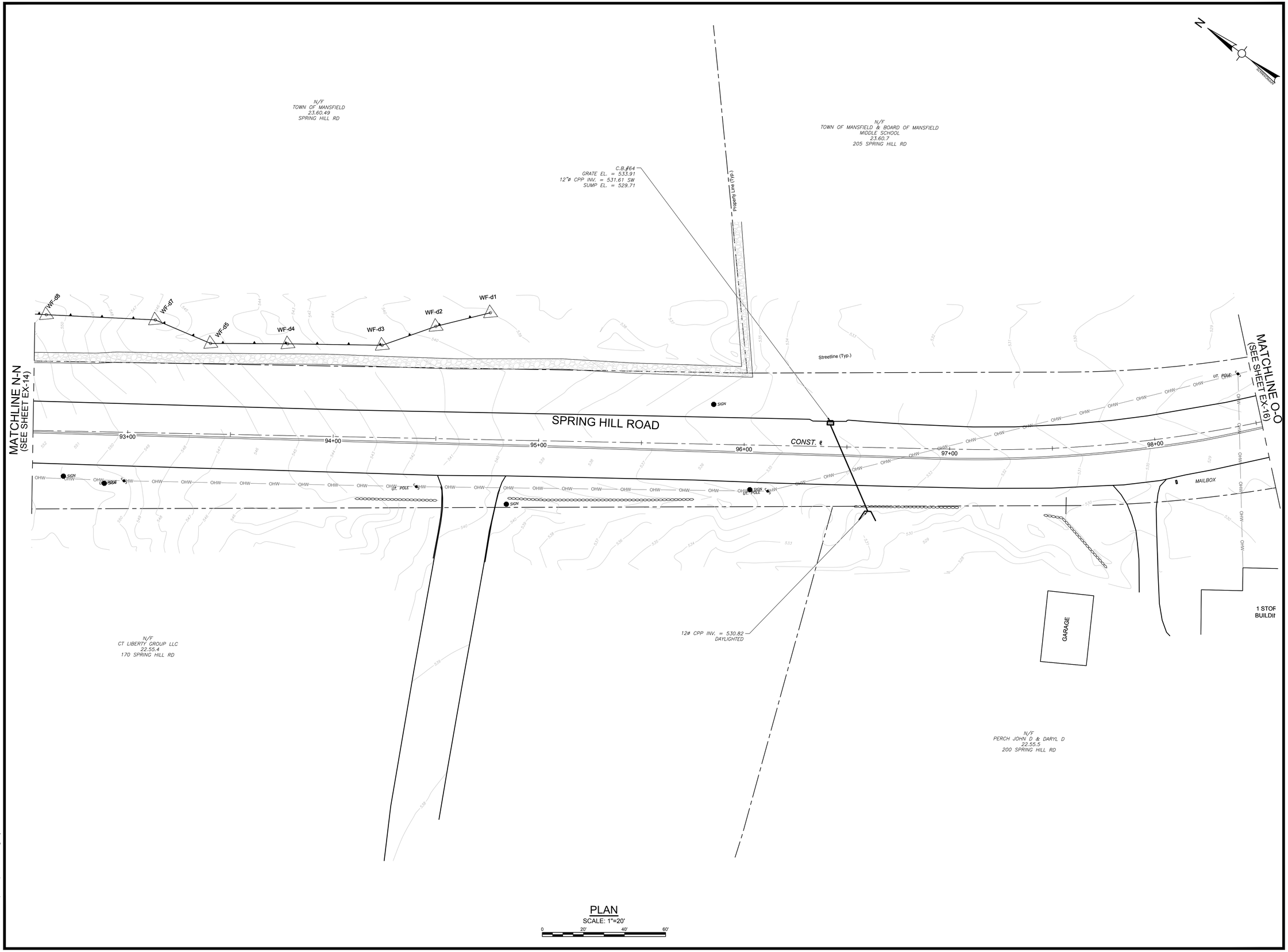
EXISTING CONDITIONS PLANS

Sheet Number:

EX-14

Rev: 1.6 Date: 04/10/2019

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PLAN
SCALE: 1"=20'
0 20' 40' 60'

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Project:

TOWN OF MANSFIELD

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W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

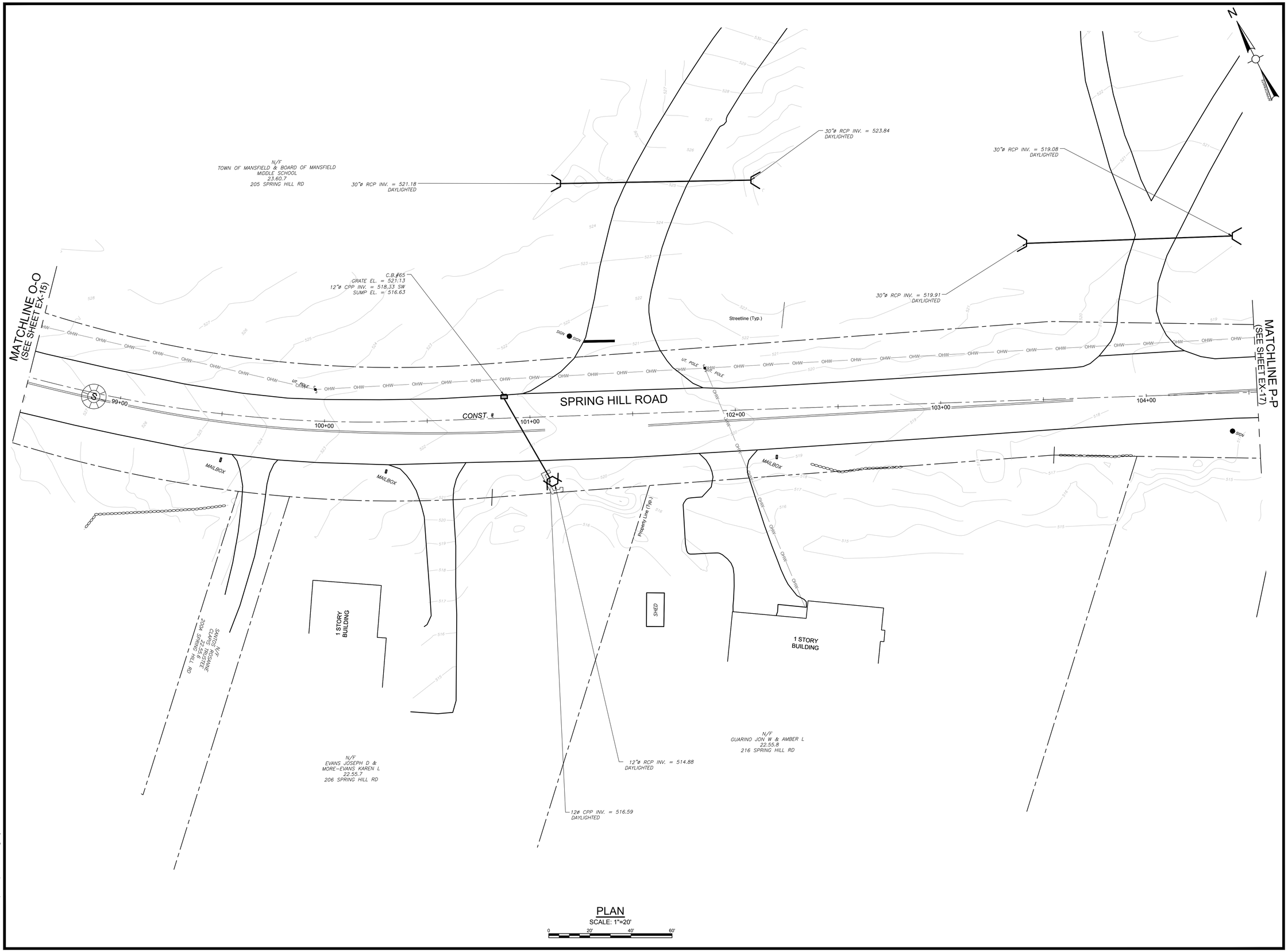
EXISTING CONDITIONS
PLANS

Sheet Number:

EX-15

Rev: 1.8 Date: 04/10/2019

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PLAN
SCALE: 1"=20'
0 20' 40' 60'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
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RECONSTRUCTION & MULTI-USE
PATH

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Scale:	AS NOTED
Date:	APRIL, 2025
Drawn By:	WW
Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

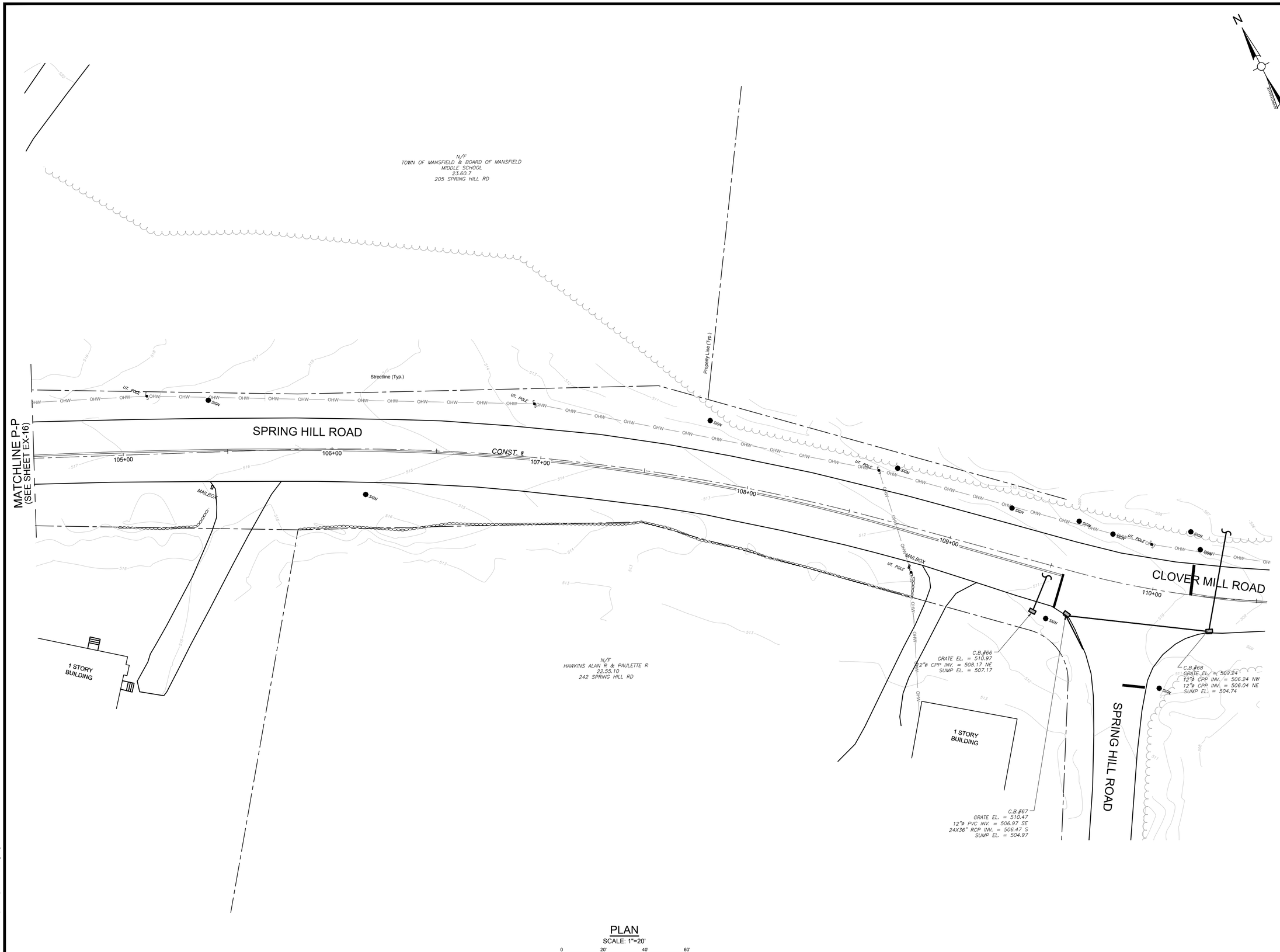
EXISTING CONDITIONS
PLANS

Sheet Number:

EX-16

Rev: 1.6 Date: 04/10/2019

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P:\CT\Mansfield CT\ENG\24\0262T Maple Road\3 Maple Road CAD\MAPLE RD_EX.dwg

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

Weston & Sampson Engineers, Inc.
712 Brook Street, Suite 103
Rocky Hill, CT 06067
978.532.1900 800.SAMPSON
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Revisions:

No.	Date	Description

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W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

EXISTING CONDITIONS PLANS

Sheet Number:

EX-17

Rev. 1.6 Date: 04/10/2019

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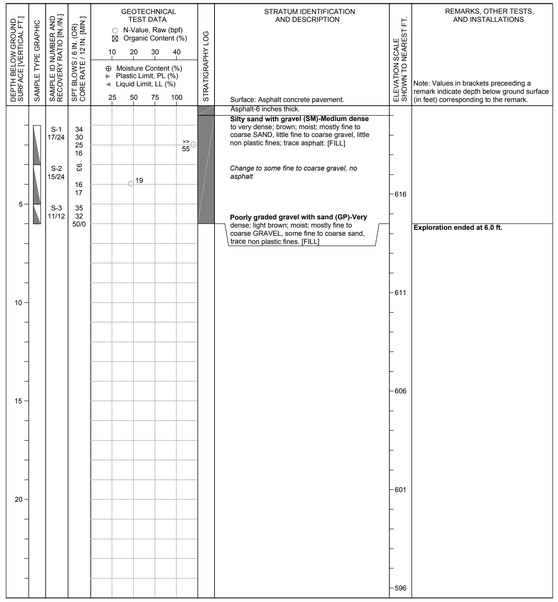
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Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-1

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 9, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 9, 2024
LOGGED BY:	Mo Holly	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	620.5 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

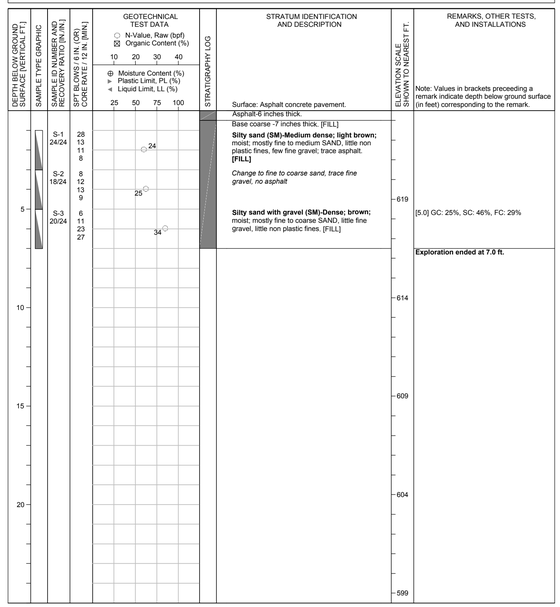
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Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-2

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 9, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 9, 2024
LOGGED BY:	Mo Holly	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	623.5 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	7.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

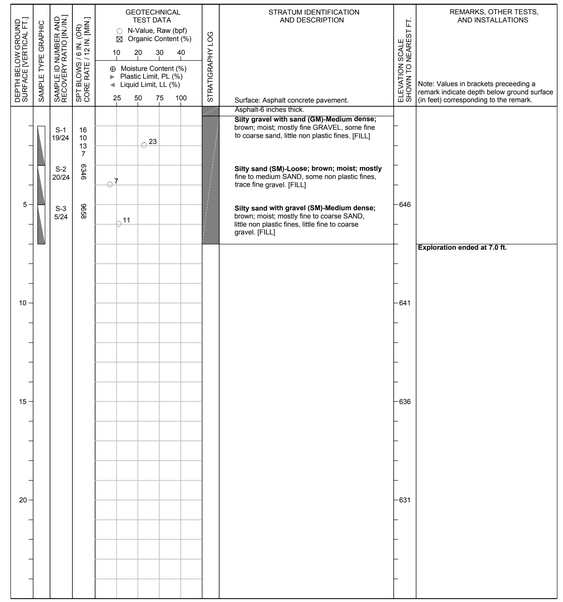
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Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-3

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 9, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 9, 2024
LOGGED BY:	Mo Holly	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	651.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	7.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

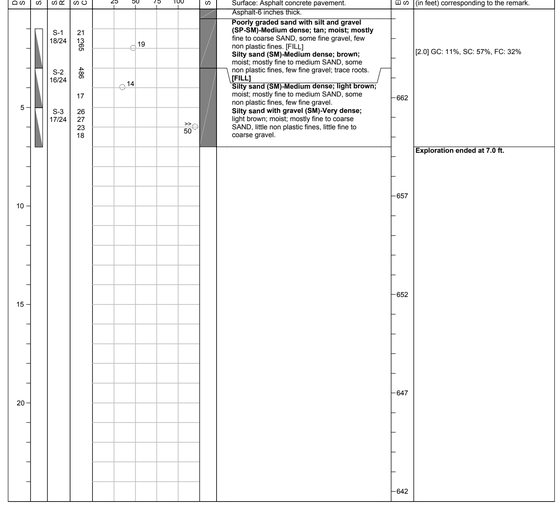
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Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-4

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 9, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 9, 2024
LOGGED BY:	Mo Holly	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	666.5 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	7.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

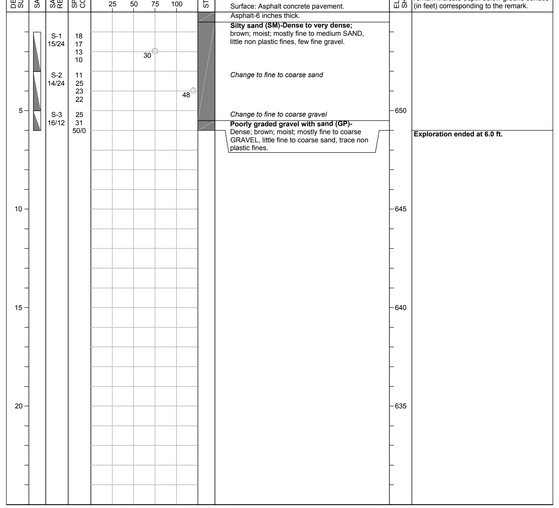
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Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-5

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 9, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 9, 2024
LOGGED BY:	Mo Holly	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	655.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

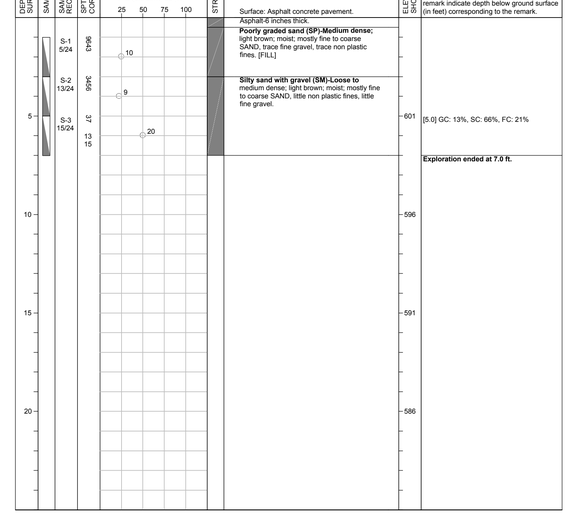
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Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-6

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 9, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 9, 2024
LOGGED BY:	Mo Holly	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	606.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	7.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

Weston & Sampson Engineers, Inc.
712 Brook Street, Suite 103
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Revisions:

No.	Date	Description

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Scale:	AS NOTED
Date:	APRIL, 2025
Drawn By:	WW
Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

BORING LOGS

Sheet Number:

BOR-01

Rev. 1.8 Date: 04/10/2019

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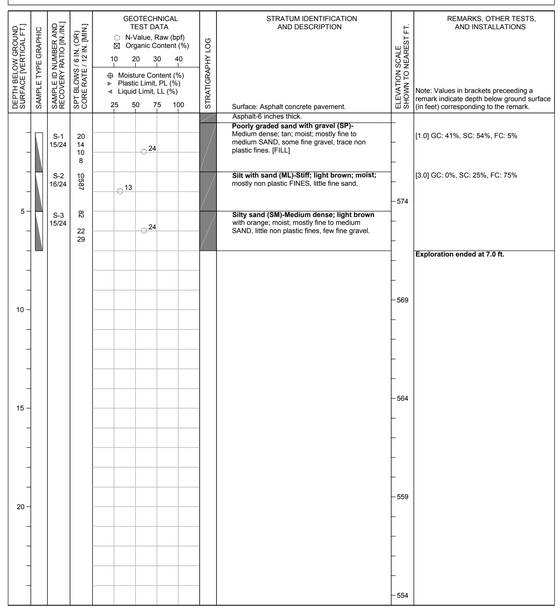
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BORING ID: B-7

Maple Road Reconstruction
Maple Road, Mansfield, CT

WSE Project: ENG24-1262 — Page 1 of 1

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 9, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 9, 2024
LOGGED BY:	Mo Holly	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	578.5 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	7.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



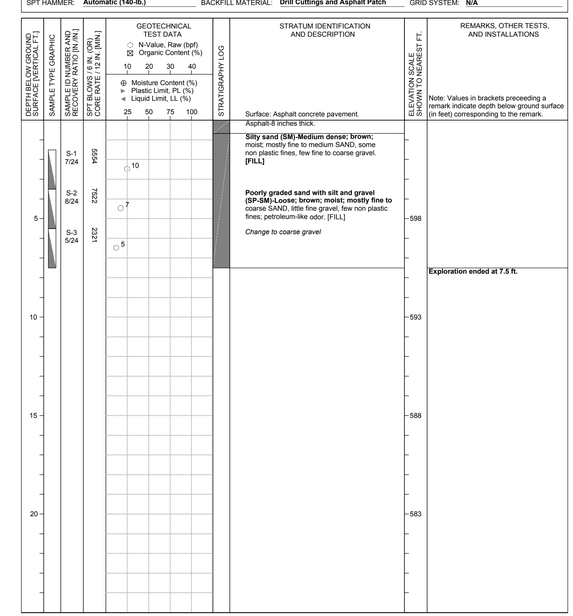
Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

BORING ID: B-8

Maple Road Reconstruction
Maple Road, Mansfield, CT

WSE Project: ENG24-1262 — Page 1 of 1

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 6, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 6, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	603.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	7.5 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



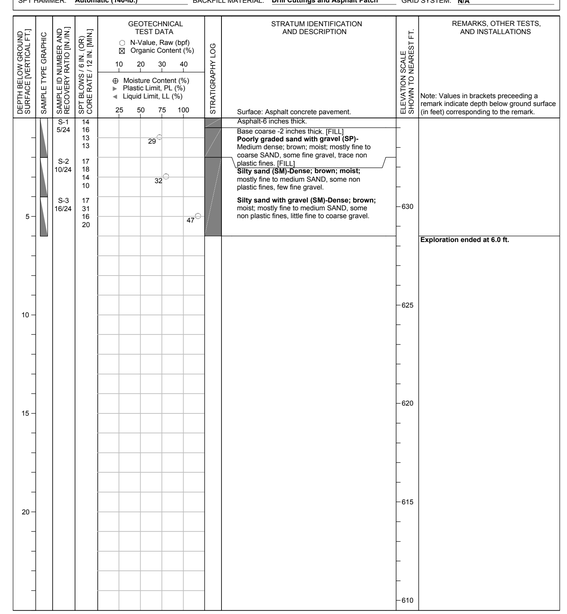
Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

BORING ID: B-9

Maple Road Reconstruction
Maple Road, Mansfield, CT

WSE Project: ENG24-1262 — Page 1 of 1

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 6, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 6, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	634.5 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



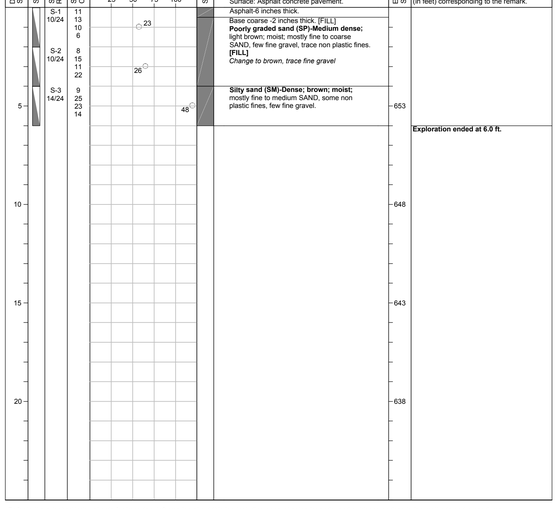
Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

BORING ID: B-10

Maple Road Reconstruction
Maple Road, Mansfield, CT

WSE Project: ENG24-1262 — Page 1 of 1

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 6, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 6, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	658.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



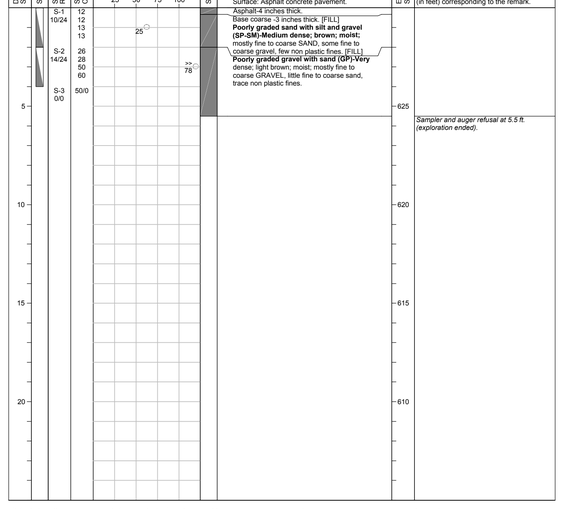
Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

BORING ID: B-11

Maple Road Reconstruction
Maple Road, Mansfield, CT

WSE Project: ENG24-1262 — Page 1 of 1

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 6, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 6, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	630.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	5.5 ft. (Refusal)
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



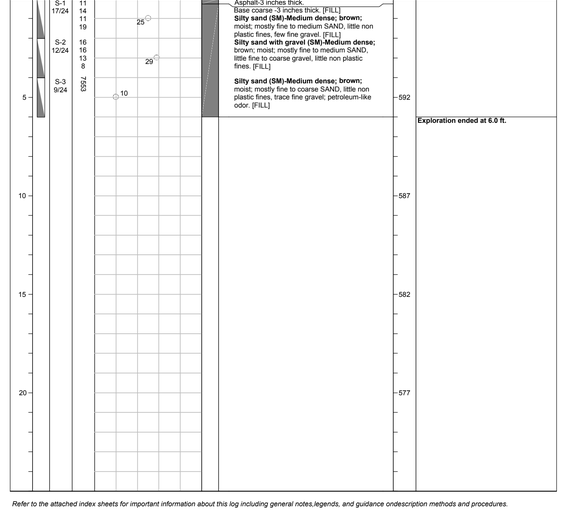
Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

BORING ID: B-12

Maple Road Reconstruction
Maple Road, Mansfield, CT

WSE Project: ENG24-1262 — Page 1 of 1

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 6, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 6, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	597.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A



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Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

BORING LOGS

Sheet Number:

BOR-02

Rev. 1.8 Date: 04/10/2019

P:\CT\Mans\Mdt\1 ENG\24-1262\1 Maple Road\5 Maple Road CAD\MAPLE RD_BOR.dwg

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Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-13

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 6, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 6, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	614.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A

DEPTH BELOW GROUND SURFACE [VERTICAL FT.]	SAMPLE TYPE GRAPHIC	SAMPLE ID NUMBER AND RECOVERY RATIO [IN./IN.]	SPT BLOWS / 6 IN. (OR) CORE RATE / 12 IN. [MIN.]	GEOTECHNICAL TEST DATA: ○ N-Value, Raw (bpf) ⊠ Organic Content (%) (10 20 30 40); ⊕ Moisture Content (%) ► Plastic Limit, PL (%) ◄ Liquid Limit, LL (%) (25 50 75 100)	STRATIGRAPHY LOG	STRATUM IDENTIFICATION AND DESCRIPTION	ELEVATION SCALE SHOWN TO NEAREST FT.	REMARKS, OTHER TESTS, AND INSTALLATIONS
						Surface: Asphalt concrete pavement.		Note: Values in brackets preceeding a remark indicate depth below ground surface (in feet) corresponding to the remark.
		S-1 14/24	12 9 11	19		Asphalt-6 inches thick.		
		S-2 14/24	12 17 8 19	25		**Poorly graded sand with gravel (SP)-** Medium dense; brown; moist; mostly fine to coarse SAND, some fine to coarse gravel, trace non plastic fines. [FILL] *Change to little fine to coarse gravel*		
5		S-3 19/24	25 29 30 26	59		**Silty sand (SM)-Very dense; light brown;** moist; mostly fine to medium SAND, some non plastic fines, trace fine gravel.	609	[4.0] GC: 6%, SC: 54%, FC: 40%
						Exploration ended at 6.0 ft.		
10							604	
15							599	
20							594	

Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-14

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 6, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 6, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	607.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	7.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A

DEPTH BELOW GROUND SURFACE [VERTICAL FT.]	SAMPLE TYPE GRAPHIC	SAMPLE ID NUMBER AND RECOVERY RATIO [IN./IN.]	SPT BLOWS / 6 IN. (OR) CORE RATE / 12 IN. [MIN.]	GEOTECHNICAL TEST DATA: ○ N-Value, Raw (bpf) ⊠ Organic Content (%) (10 20 30 40); ⊕ Moisture Content (%) ► Plastic Limit, PL (%) ◄ Liquid Limit, LL (%) (25 50 75 100)	STRATIGRAPHY LOG	STRATUM IDENTIFICATION AND DESCRIPTION	ELEVATION SCALE SHOWN TO NEAREST FT.	REMARKS, OTHER TESTS, AND INSTALLATIONS
						Surface: Asphalt concrete pavement.		Note: Values in brackets preceeding a remark indicate depth below ground surface (in feet) corresponding to the remark.
		S-1 15/24	3|6|6	13		Asphalt-7 inches thick.		
		S-2 16/24	12 11 15 10	26		Base coarse -3 inches thick. [FILL] **Sandy silt (ML)-Stiff to hard; brown; moist;** mostly low plasticity FINES, some fine to medium sand, trace fine gravel. [FILL]		
5		S-3 14/24	7 18 16 16	34		*Change to little fine to medium sand*	602	
						Exploration ended at 7.0 ft.		
10							597	
15							592	
20							587	

Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-15

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 4, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 4, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	579.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A

DEPTH BELOW GROUND SURFACE [VERTICAL FT.]	SAMPLE TYPE GRAPHIC	SAMPLE ID NUMBER AND RECOVERY RATIO [IN./IN.]	SPT BLOWS / 6 IN. (OR) CORE RATE / 12 IN. [MIN.]	GEOTECHNICAL TEST DATA: ○ N-Value, Raw (bpf) ⊠ Organic Content (%) (10 20 30 40); ⊕ Moisture Content (%) ► Plastic Limit, PL (%) ◄ Liquid Limit, LL (%) (25 50 75 100)	STRATIGRAPHY LOG	STRATUM IDENTIFICATION AND DESCRIPTION	ELEVATION SCALE SHOWN TO NEAREST FT.	REMARKS, OTHER TESTS, AND INSTALLATIONS
						Surface: Asphalt concrete pavement.		Note: Values in brackets preceeding a remark indicate depth below ground surface (in feet) corresponding to the remark.
		S-1 7/24	5|5|6	15		Asphalt-6 inches thick.		
		S-2 16/24	6 9 15 23	22		**Poorly graded sand with silt and gravel (SP-SM)-Medium dense; light brown; moist;** mostly fine to coarse SAND, some fine to coarse gravel, few non plastic fines; petroleum-like odor. [FILL] **Silty sand (SM)-Medium dense; light brown** to black; moist; mostly fine to medium SAND, little non plastic fines, few fine gravel; petroleum-like odor. [FILL]		
5		S-3 10/24	17 21 23 15	44		**Poorly graded sand with silt and gravel (SP-SM)-Dense; brown; moist; mostly fine to** medium SAND, little fine to coarse gravel, few non plastic fines.	574	
						Exploration ended at 6.0 ft.		
10							569	
15							564	
20							559	

Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

BORING LOGS

Sheet Number:

BOR-03

Rev. 1.6 Date: 04/10/2019

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Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-16

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 4, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 4, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	569.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A

DEPTH BELOW GROUND SURFACE [VERTICAL FT.]	SAMPLE TYPE GRAPHIC	SAMPLE ID NUMBER AND RECOVERY RATIO [IN./IN.]	SPT BLOWS / 6 IN. (OR) CORE RATE / 12 IN. [MIN.]	GEOTECHNICAL TEST DATA: ○ N-Value, Raw (bpf); ⊠ Organic Content (%); ⊕ Moisture Content (%); ► Plastic Limit, PL (%); ◄ Liquid Limit, LL (%)	STRATIGRAPHY LOG	STRATUM IDENTIFICATION AND DESCRIPTION	ELEVATION SCALE SHOWN TO NEAREST FT.	REMARKS, OTHER TESTS, AND INSTALLATIONS
				10 20 30 40 / 25 50 75 100		Surface: Asphalt concrete pavement.		Note: Values in brackets preceeding a remark indicate depth below ground surface (in feet) corresponding to the remark.
0		S-1 14/24	17 11 14 8	○ 25		Asphalt-6 inches thick.		
						Silty sand (SM)-Medium dense; brown; moist; mostly fine to medium SAND, some non plastic fines, few fine gravel. [FILL]		
		S-2 4/24	7 6 4 3	○ 12		**Silty sand with gravel (SM)-Medium dense;** brown; moist; mostly fine to medium SAND, some non plastic fines, little fine to coarse gravel; petroleum-like odor. [FILL]		
5		S-3 14/24	4 7 6	○ 10		**Sandy lean clay (CL)-Stiff; brown with gray;** wet; mostly medium plasticity FINES, some fine to medium sand.	564	[4.0] Water level measured on 12/04/24 (end of drilling). [4.0] GC: 0%, SC: 38%, FC: 62%
								Exploration ended at 6.0 ft.
10							559	
15							554	
20							549	

Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

[redacted]

Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-17

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 4, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 4, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	561.5 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings and Asphalt Patch	GRID SYSTEM:	N/A

DEPTH BELOW GROUND SURFACE [VERTICAL FT.]	SAMPLE TYPE GRAPHIC	SAMPLE ID NUMBER AND RECOVERY RATIO [IN./IN.]	SPT BLOWS / 6 IN. (OR) CORE RATE / 12 IN. [MIN.]	GEOTECHNICAL TEST DATA: ○ N-Value, Raw (bpf); ⊠ Organic Content (%); ⊕ Moisture Content (%); ► Plastic Limit, PL (%); ◄ Liquid Limit, LL (%)	STRATIGRAPHY LOG	STRATUM IDENTIFICATION AND DESCRIPTION	ELEVATION SCALE SHOWN TO NEAREST FT.	REMARKS, OTHER TESTS, AND INSTALLATIONS
				10 20 30 40 / 25 50 75 100		Surface: Asphalt concrete pavement.		Note: Values in brackets preceeding a remark indicate depth below ground surface (in feet) corresponding to the remark.
0		S-1 20/24	26 22 17 17	○ 39		Asphalt-4 inches thick.		
						Poorly graded sand with silt and gravel (SP-SM)-Dense; brown; moist; mostly fine to coarse SAND, some fine to coarse gravel, few non plastic fines. [FILL]		[0.3] GC: 39%, SC: 52%, FC: 9%
		S-2 15/24	26 17 15 5	○ 32				
		S-3 9/24	3239	○ 5		**Organic soil with sand (OL)-Dark brown;** moist; mostly organic low plasticity FINES, little fine to medium sand.		
5						**Silty sand (SM)-Loose; brown; moist; mostly** fine to medium SAND, little non plastic fines, few fine gravel.	557	
								Exploration ended at 6.0 ft.
10							552	
15							547	
20							542	
							537	

Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

[redacted]

Maple Road Reconstruction
Maple Road, Mansfield, CT

BORING ID: B-18

WSE Project: ENG24-1262 — **Page 1 of 1**

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 4, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 4, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	534.5 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings	GRID SYSTEM:	N/A

DEPTH BELOW GROUND SURFACE [VERTICAL FT.]	SAMPLE TYPE GRAPHIC	SAMPLE ID NUMBER AND RECOVERY RATIO [IN./IN.]	SPT BLOWS / 6 IN. (OR) CORE RATE / 12 IN. [MIN.]	GEOTECHNICAL TEST DATA: ○ N-Value, Raw (bpf); ⊠ Organic Content (%); ⊕ Moisture Content (%); ► Plastic Limit, PL (%); ◄ Liquid Limit, LL (%)	STRATIGRAPHY LOG	STRATUM IDENTIFICATION AND DESCRIPTION	ELEVATION SCALE SHOWN TO NEAREST FT.	REMARKS, OTHER TESTS, AND INSTALLATIONS
				10 20 30 40 / 25 50 75 100		Surface: Grass area.		Note: Values in brackets preceeding a remark indicate depth below ground surface (in feet) corresponding to the remark.
0		S-1 17/24	9 7 4 6	○ 16		Topsoil-8 inches thick.		
						Silty sand (SM)-Medium dense; brown; moist; mostly fine to medium SAND, little non plastic fines, few fine gravel. [FILL]		
		S-2 22/24	6 8 10 18	○ 19		**Poorly graded sand with silt (SP-SM)-** Medium dense; light brown; moist; mostly fine to medium SAND, few fine gravel, few non plastic fines.		
5		S-3 9/24	28 30 20 15	>> 50		**Poorly graded sand with silt and gravel (SP-SM)-Very dense; light brown; moist;** mostly fine to coarse SAND, some fine to coarse gravel, few non plastic fines.	530	
								Exploration ended at 6.0 ft.
10							525	
15							520	
20							515	
							510	

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
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W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

BORING LOGS

Sheet Number:

BOR-04

Rev. 1.6 Date: 04/10/2019

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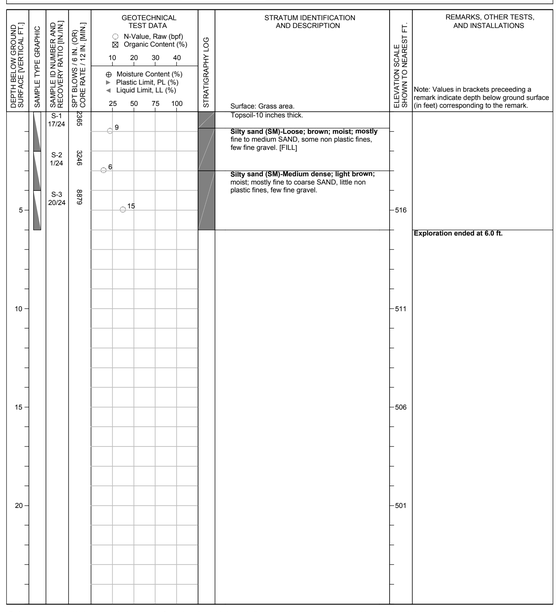
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BORING ID: B-19

Maple Road Reconstruction
Maple Road, Mansfield, CT

WSE Project: ENG24-1262 — Page 1 of 1

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 4, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 4, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	521.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings	GRID SYSTEM:	N/A



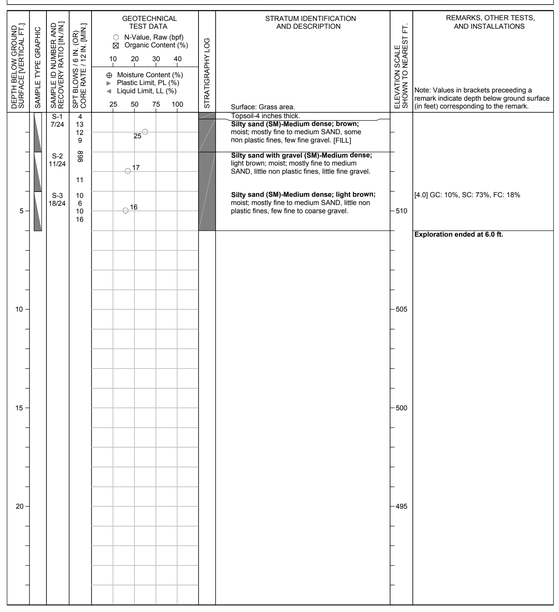
Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

BORING ID: B-20

Maple Road Reconstruction
Maple Road, Mansfield, CT

WSE Project: ENG24-1262 — Page 1 of 1

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 4, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 4, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	515.0 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings	GRID SYSTEM:	N/A



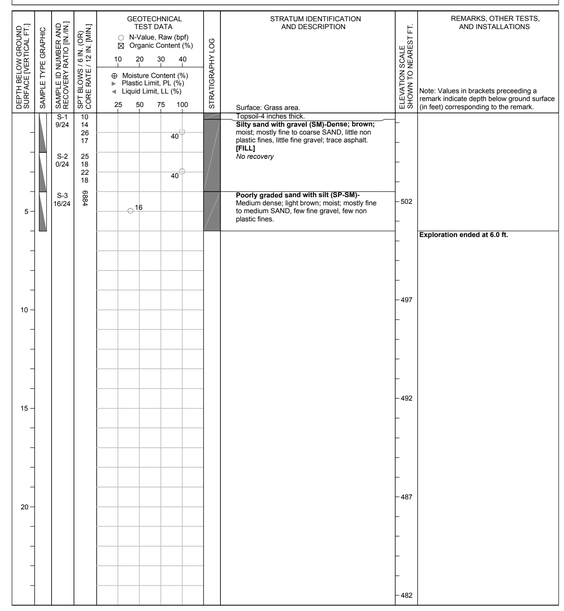
Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

BORING ID: B-21

Maple Road Reconstruction
Maple Road, Mansfield, CT

WSE Project: ENG24-1262 — Page 1 of 1

CONTRACTOR:	General Borings, Inc.	BORING LOCATION:	See Attached Figure	DATE START:	December 4, 2024
FOREMAN:	John Wyant	ADVANCE METHOD:	Hollow-Stem Auger Drilling	DATE FINISH:	December 4, 2024
LOGGED BY:	Richard Manandhar	AUGER DIAMETER:	3-1/4" ID (Stem), 6-5/8" OD (Flights)	GROUND EL:	506.5 ± (NAVD88)
CHECKED BY:	Aaron Chabot	SUPPORT CASING:	N/A	FINAL DEPTH:	6.0 ft.
EQUIPMENT:	Diedrich D-50, Truck Mounted	CORING METHOD:	N/A	GRID COORDS:	N/A
SPT HAMMER:	Automatic (140-lb.)	BACKFILL MATERIAL:	Drill Cuttings	GRID SYSTEM:	N/A



Refer to the attached index sheets for important information about this log including general notes,legends, and guidance ondescription methods and procedures.

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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Drawing Title:

BORING LOGS

Sheet Number:

BOR-05

Rev: 1.8 Date: 04/10/2019

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LEGEND

1. - 1.5" HMA S0.375 OVER 2.0" HMA S0.5
2. - 3" PROCESSED AGGREGATE BASE
3. - 8" COMPACTED GRANULAR FILL
4. - POINT OF APPLICATION OF GRADE
5. - FORMATION OF SUBGRADE
6. - 3" STEPS (TYP.)

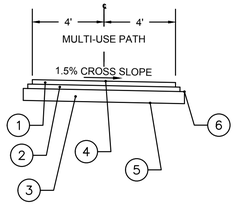
LEGEND

7. - 1.5" HMA S0.375 OVER 2.0" HMA S0.5
8. - 6" PROCESSED AGGREGATE BASE
9. - 12" COMPACTED GRANULAR FILL
10. - POINT OF APPLICATION OF GRADE
11. - FORMATION OF SUBGRADE
12. - 3" STEPS (TYP.)
13. - 6" BITUMINOUS CONCRETE LIP CURBING
14. - 2.0" HMA S0.375 OVERLAY
15. - 4" LOAM AND SEED
16. - 5" CONCRETE
17. - 8" GRANULAR FILL

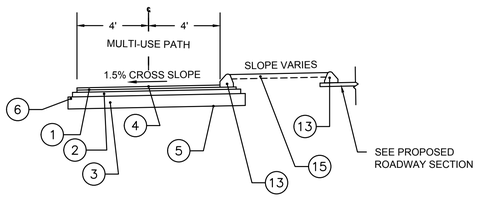
NOTES:

1. DIRECTION OF CROSS SLOPE IS DEFINED IN THE CROSS SECTIONS AND CONTRACTOR SHALL TRANSITION CROSS SLOPE AS NEEDED OVER A MAXIMUM LENGTH OF 50-FT.

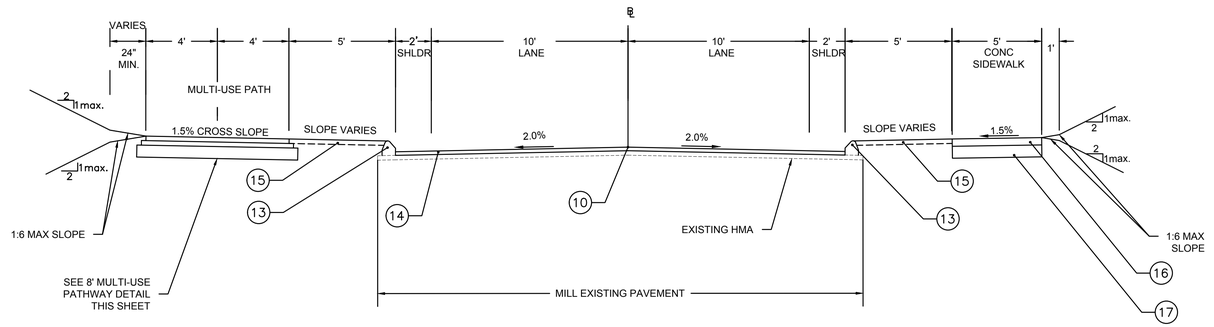
2. MULTI-USE PATHWAY SHALL HAVE A MAXIMUM CROSS SLOPE OF 2%



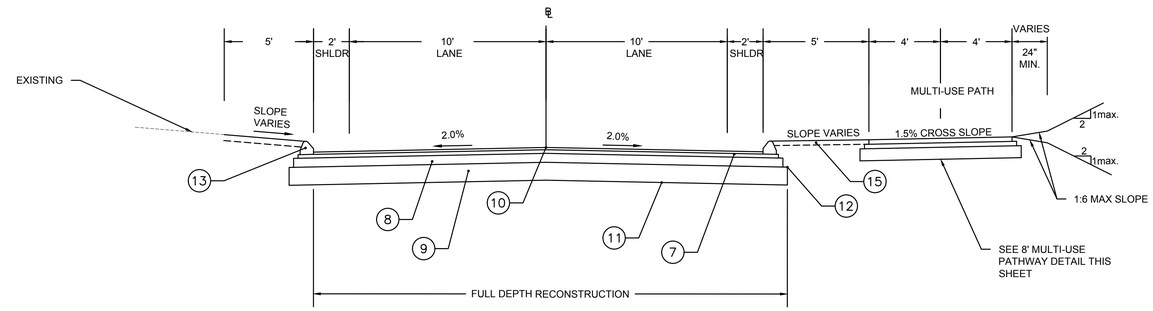
TYPICAL SECTION
8' MULTI-USE PATHWAY



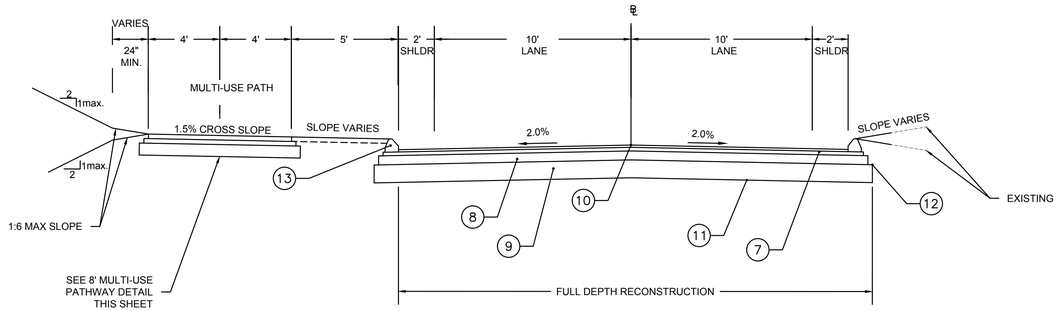
TYPICAL SECTION
DROP DOWN 8' MULTI-USE PATHWAY



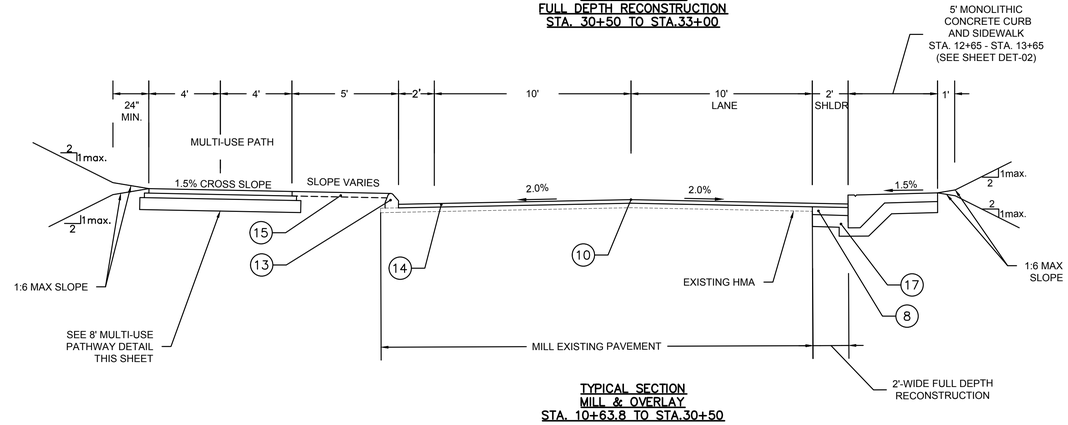
TYPICAL SECTION
MILL & OVERLAY
STA. 90+75 TO STA. 110+26.27



TYPICAL SECTION
FULL DEPTH RECONSTRUCTION
STA. 33+00 TO STA.90+75



TYPICAL SECTION
FULL DEPTH RECONSTRUCTION
STA. 30+50 TO STA.33+00



TYPICAL SECTION
MILL & OVERLAY
STA. 10+63.8 TO STA.30+50

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

4 S. EAGLEVILLE RD.
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Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

TYPICAL SECTIONS

Sheet Number:

TYP-01

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SEDIMENTATION AND EROSION CONTROL PLAN

GENERAL

THIS PLAN PROPOSES EROSION CONTROL MEASURES TO ADEQUATELY CONTROL ACCELERATED EROSION AND SEDIMENTATION AND REDUCE THE DANGER FROM STORM WATER RUNOFF AT THE SITE. THE RUNOFF SHALL BE CONTROLLED BY THE INTERCEPTION, DIVERSION, AND SAFE DISPOSAL OF PRECIPITATION. RUNOFF SHALL ALSO BE CONTROLLED BY STAGING CONSTRUCTION ACTIVITY AND PRESERVING NATURAL VEGETATION WHENEVER POSSIBLE.

EXISTING VEGETATION SHALL BE PROTECTED AND ONLY THAT CLEARING AND GRUBBING ABSOLUTELY NECESSARY FOR THE PROPOSED CONSTRUCTION SHALL BE PERFORMED. ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND CONTOUR, UNLESS OTHERWISE INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE SPECIAL CARE WITH HIS CONSTRUCTION METHODS AND SHALL COMPLY WITH THE FOLLOWING GUIDELINES.

REFERENCE IS MADE TO THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002), AS AMENDED. THE GUIDELINES ARE OBTAINABLE ONLINE FROM THE CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION AT WWW.CT.GOV/DEEP AND SHOULD BE USED AS A REFERENCE IN CONSTRUCTING THE EROSION AND SEDIMENT CONTROLS INDICATED ON THESE PLANS.

SEDIMENTATION CONTROL

ALL AREAS SHALL BE PROTECTED FROM SEDIMENTATION DURING AND AFTER CONSTRUCTION, PARTICULARLY THE STORAGE OF EXCAVATED OR STOCKPILED MATERIAL. THE CONTRACTOR SHALL CAREFULLY STRIP ALL TOPSOIL, LOAM, OR ORGANIC MATTER PRIOR TO TRENCHING OR OTHER OPERATIONS AND SHALL STORE THEM SEPARATELY FROM ALL OTHER MATERIALS DURING EXCAVATION. EACH STOCKPILE MUST BE ADEQUATELY RINGED WITH SEDIMENT CONTROL MATERIAL (I.E. SILT FENCE).

STABILIZING OF SLOPES SHALL BE DONE IMMEDIATELY AFTER CONSTRUCTION OF SLOPES. SLOPES THAT ARE STEEPER THAN 2:1 SHALL BE PROTECTED WITH EROSION CONTROL MATTING TYPE H. ALL OTHER AREAS SHALL BE MULCHED WITH HAY OR STRAW AS REQUIRED.

EROSION AND SEDIMENTATION CONTROL PLAN

SEDIMENTATION CONTROL SYSTEM – THE SEDIMENTATION CONTROL SYSTEM SHALL CONSIST OF SILT FENCE.

GEOTEXTILE BARRIER FENCE – THE SEDIMENTATION CONTROL SYSTEM SHALL BE INSTALLED IMMEDIATELY AFTER A CUT SLOPE HAS BEEN GRADED, BEFORE A FILL SLOPE HAS BEEN CREATED AND AS INDICATED ON THE PLANS. THE SYSTEM IS DESIGNED TO INTERCEPT SILT AND SEDIMENT BEFORE IT REACHES THE WETLAND AREAS, OR WATERCOURSES. DEPOSITS OF SEDIMENT AND SILT ARE TO BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE FENCE. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR IN AREAS WHICH ARE NOT TO BE PAVED OR BUILT ON. THE SEDIMENTATION CONTROL SYSTEM IS TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. THE SYSTEM IS TO REMAIN IN PLACE AND BE MAINTAINED TO INSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE FENCE ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.

RIPRAP – RIPRAP, IF REQUIRED OR SPECIFIED, IS TO BE INSTALLED AS ENERGY, DISSIPATION STRUCTURES. THE RIPRAP IS TO BE INSTALLED BEFORE OUTLET STRUCTURES ARE ACTIVATED, AND ALL ADJACENT AREAS ARE TO BE IMMEDIATELY SEEDED IF IN SEASON OTHERWISE THE SOIL IS TO BE STABILIZED BY OTHER METHODS.

IN ALL AREAS, REMOVAL OF TREES, BUSHES AND OTHER VEGETATION, AND DISTURBANCE OF THE SOIL, IS TO BE KEPT TO AN ABSOLUTE MINIMUM WHILE ALLOWING PROPER DEVELOPMENT OF THE SITE.

DURING CONSTRUCTION, AS SMALL AN AREA OF SOIL AS POSSIBLE SHOULD BE EXPOSED FOR AS SHORT A TIME AS POSSIBLE. AFTER CONSTRUCTION, GRADE, RESPREAD TOPSOIL, AND STABILIZE SOIL BY SEEDING AND MULCHING SO AS TO PREVENT EROSION.

SEDIMENTATION AND EROSION CONTROL MAINTENANCE PROCEDURES

ALL SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE INSPECTED DURING CONSTRUCTION ON A WEEKLY BASIS, AND FOLLOWING ALL STORMS, BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL MAINTAIN AND MAKE REPAIRS AND REMOVE SEDIMENT AS REQUESTED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE PERFORMED WITHIN 24 HOURS OF THE REQUEST AND THERE SHALL BE NO SEPARATE PAYMENT FOR THIS WORK.

THE CONTRACTOR SHALL PROVIDE ROUTINE SWEEPING OF ALL PAVED SURFACES SUBJECT TO SEDIMENT ACCUMULATION DURING CONSTRUCTION ACTIVITIES.

THE CONTRACTOR SHALL CLEAN SEDIMENT AND DEBRIS FROM ALL DRAINAGE STRUCTURES, AND PIPES AT THE COMPLETION OF CONSTRUCTION, AND AS REQUESTED BY THE RESIDENT ENGINEER TO KEEP THE SYSTEM FUNCTIONING PROPERLY DURING CONSTRUCTION.

FOLLOWING COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL REPAIR ALL ERODED AREAS AND ENSURE A GOOD STAND OF TURF IS ESTABLISHED THROUGHOUT. THE CONTRACTOR SHALL REPAIR ALL ERODED OR DISPLACED RIPRAP, AND CLEAN SEDIMENT COVERED STONES.

TYPICAL CONSTRUCTION SEQUENCE

PRIOR TO COMMENCEMENT OF WORK, EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSTALLED. A TYPICAL SEQUENCE OF CONSTRUCTION IS:

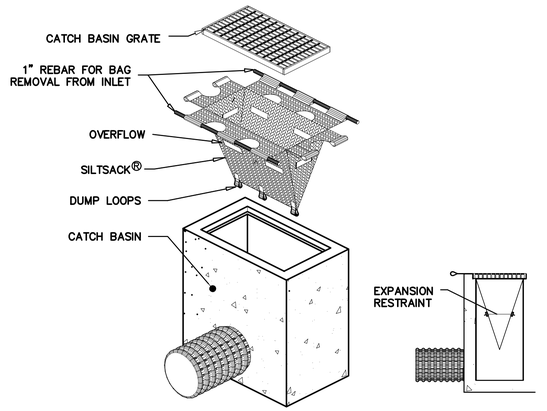
1. OBTAIN APPROPRIATE PERMITS, NOTIFY TOWN OFFICIALS OF CONSTRUCTION COMMENCEMENT, AND SUBMIT CONSTRUCTION TIMETABLE.

2. ON–SITE CONSTRUCTION SEQUENCE SHALL START WITH THE MINIMUM AMOUNT OF CLEARING REQUIRED TO INSTALL EROSION CONTROL MEASURES AS SHOWN ON PLAN. THIS INCLUDES SILTATION FENCING, SILT CURTAIN, AND OTHER MEASURES NOTED ON THE PLAN. NO WORK SHALL TAKE PLACE UNTIL THE ENGINEER AND WETLAND ENFORCEMENT OFFICER HAVE INSPECTED AND APPROVED INSTALLED MEASURES.

DURING CONSTRUCTION ALL EROSION AND SEDIMENT STRUCTURES SHALL BE MAINTAINED IN PROPER WORKING ORDER. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM AND SHALL ONLY TAKE PLACE WHERE IMMEDIATELY REQUIRED TO FURTHER CONSTRUCTION. IT IS DESIRABLE FROM AN EROSION PREVENTION CONCERN TO MINIMIZE DISTURBED AREAS. FINAL GRADING AND SEEDING SHALL TAKE PLACE AS SOON AS PRACTICAL.

A RAIN GAUGE SHALL BE PLACED AT THE PROJECT SITE IN A WORKABLE LOCATION AND MONITORED DURING RAINFALL PERIODS UNTIL ALL DISTURBED AREAS ARE STABILIZED. IN THE EVENT THERE IS A RAINFALL GREATER THAN 1/2" IN A 12 HOUR PERIOD, ALL EROSION CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS REQUIRED. IF NO RAIN GAUGE IS USED, ALL EROSION CONTROL MEASURES SHALL BE CHECKED AFTER ALL RAINFALL EVENTS.

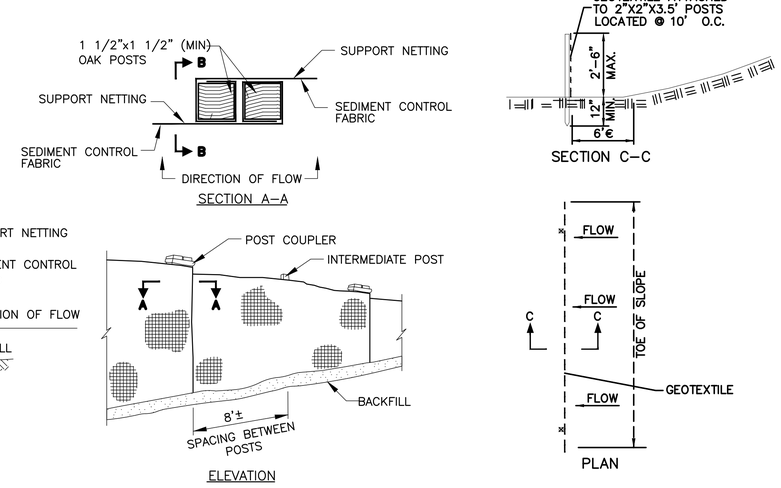
A CHECK LIST PROVIDED BY THE ENGINEER SHALL BE FILLED OUT EVERY WEEK OR AFTER EACH RAINFALL EVENT OF 1/2" OR GREATER.



NOTES:
1. PROVIDE HI–FLOW SILT SACK TYPE A FOR TYPE "C–L" CATCH BASIN TOPS AND TYPE B WITH CURB DEFLECTOR FOR TYPE "C" CATCH BASIN TOPS OR OTHER STRUCTURES WITH CURB INLET.

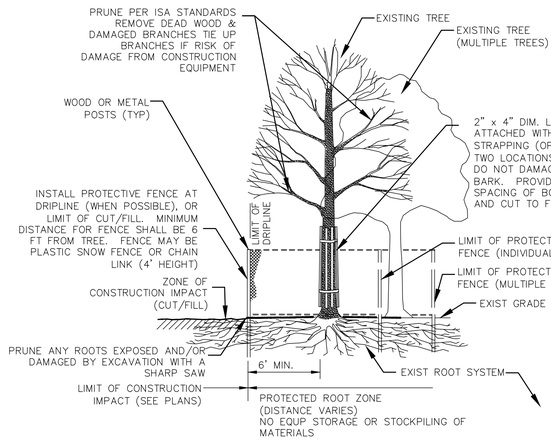
CATCH BASIN INLET PROTECTION

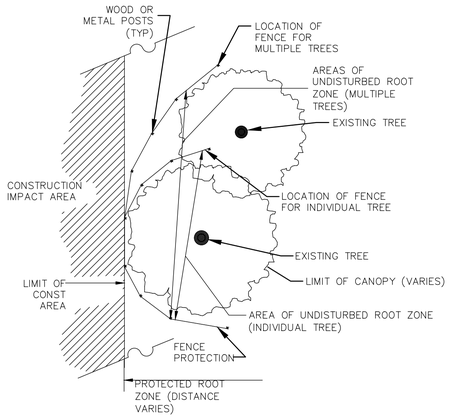
N.T.S.



SEDIMENTATION AND EROSION CONTROL DETAIL (SILT FENCE)

N.T.S.





EXISTING TREE PROTECTION

N.T.S.

Project:
TOWN OF MANSFIELD
COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH
4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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Consultants:

Revisions:

No.	Date	Description

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:
SEDIMENTATION AND EROSION CONTROL DETAILS

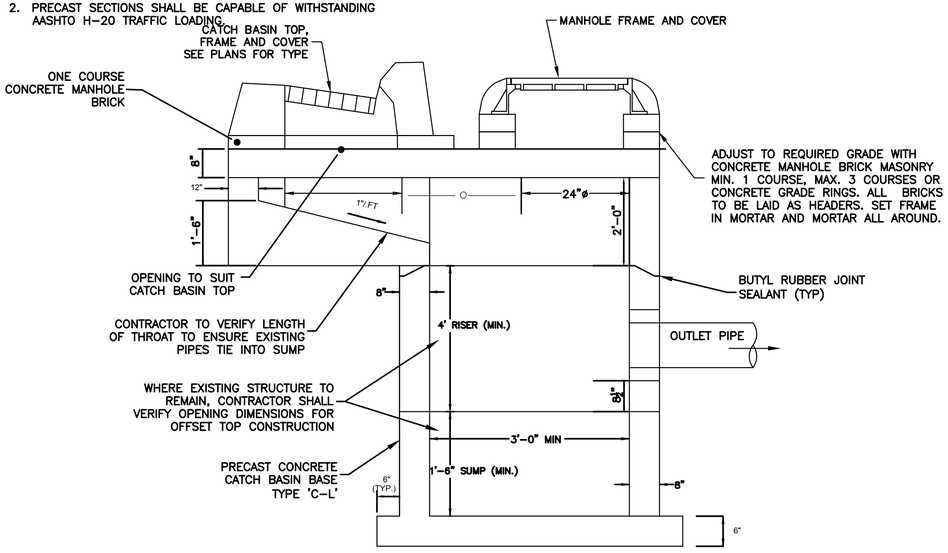
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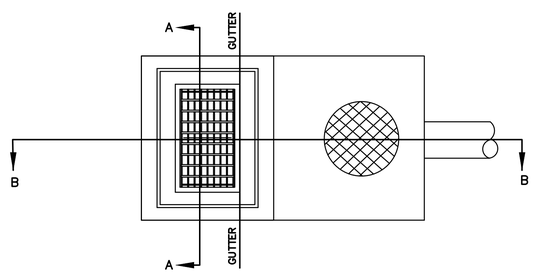
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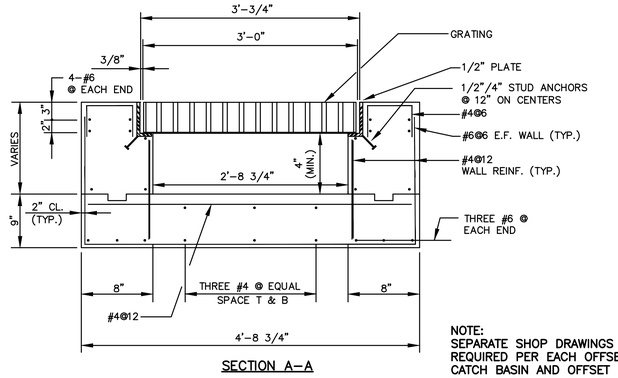
Rev: 1.8 Date: 04/10/2019

NOTES
1. SET TOP SLAB TO MEET EXIST. SLOPE OF CURB LINE AND CROSS SLOPE OF SIDEWALK. ADJUST DIMENSIONS OF CAST-IN-PLACE SECTION.
2. PRECAST SECTIONS SHALL BE CAPABLE OF WITHSTANDING AASHTO H-20 TRAFFIC LOADING.



SECTION B-B

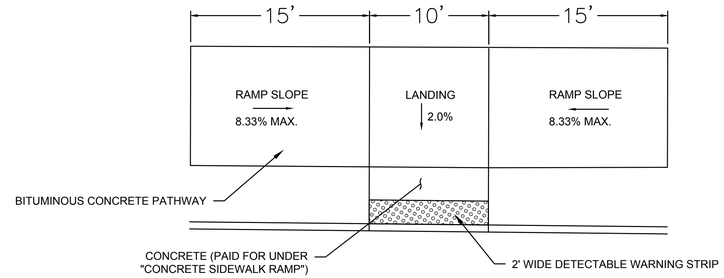




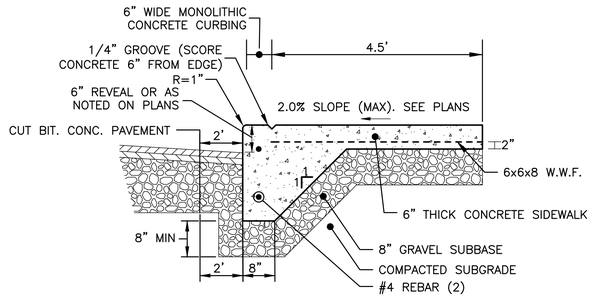
SECTION A-A

NOTE:
SEPARATE SHOP DRAWINGS ARE REQUIRED PER EACH OFFSET CATCH BASIN AND OFFSET CATCH BASIN TOP.

OFFSET CATCH BASIN
N.T.S.

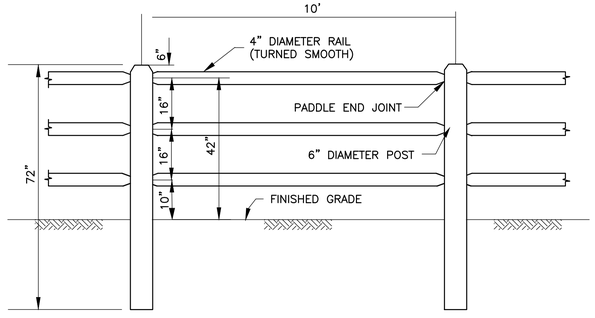


MULTI-USE PATH RAMP
N.T.S.



NOTE:
1. PROVIDE EXPANSION JOINTS 30' O-C (MAX)
2. TOTAL DEPTH OF MONOLITHIC CURB TO BE 20"
3. COST OF MONOLITHIC CURB INCLUDED IN COST OF SIDEWALK

SIDEWALK AND MONOLITHIC CURB DETAIL
N.T.S.



THREE RAIL WOOD FENCE
N.T.S.

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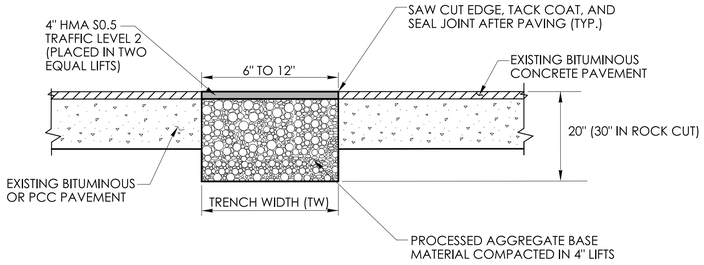
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MISCELLANEOUS DETAILS

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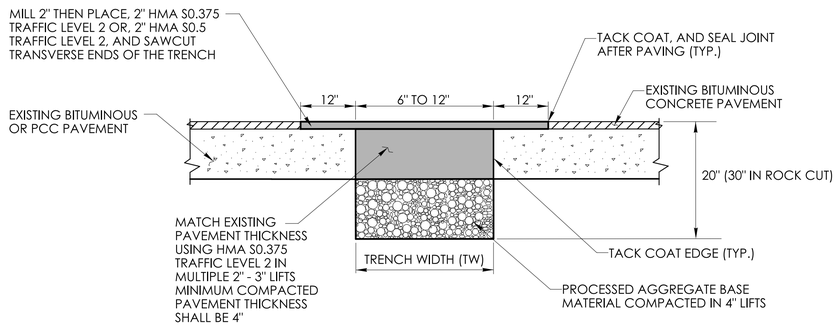
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TEMPORARY PAVEMENT - FOR NARROW TRENCH THROUGH BITUMINOUS CONCRETE OR OVERLAID PORTLAND CEMENT CONCRETE (PCC) (TRENCH WIDTH BETWEEN 6" AND 12")



PERMANENT PAVEMENT - FOR NARROW TRENCH THROUGH BITUMINOUS CONCRETE OR OVERLAID PORTLAND CEMENT CONCRETE (PCC) (TRENCH WIDTH BETWEEN 6" AND 12"

GENERAL NOTES:

1. LONGITUDINAL TRENCHING FOR JOINTED CONCRETE PAVEMENT:

   A. IF THE LONGITUDINAL TRENCH FALLS BETWEEN THE SLAB CENTERLINE AND THE EDGE OF SLAB, REMOVE CONCRETE AND BITUMINOUS CONCRETE PAVEMENT FROM THE TRENCH EDGE TO THE EDGE OF ROAD. IF THE LONGITUDINAL TRENCH FALLS BETWEEN THE LONGITUDINAL JOINT AND THE SLAB CENTERLINE, REMOVE THE ENTIRE CONCRETE SLAB AND BITUMINOUS CONCRETE PAVEMENT TO THE EDGE OF ROAD. IN EITHER CASE REBUILD WITH THE FOLLOWING:

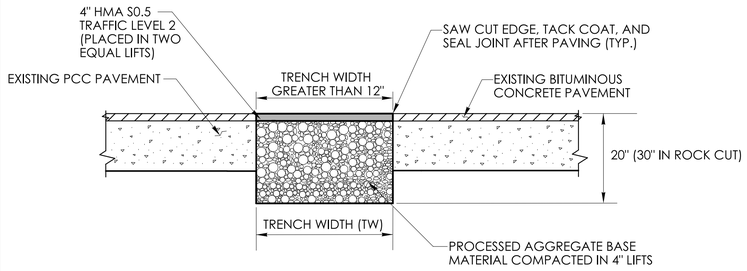
      a. PLACE HMA S1.0 TRAFFIC LEVEL 2 IN TWO EQUAL 4" - 5" LIFTS TO MATCH EXISTING CONCRETE PAVEMENT THICKNESS
      b. PLACE HMA S0.5 TRAFFIC LEVEL 2 IN 2" - 3" LIFTS TO MATCH EXISTING BITUMINOUS CONCRETE PAVEMENT THICKNESS, WITH THE FINAL LIFT BEING 2"

2. TRANSVERSE TRENCHING FOR JOINTED CONCRETE PAVEMENT:

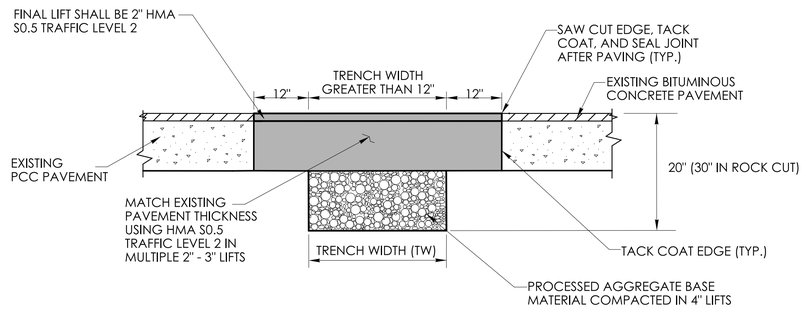
TABLE 1	
TOTAL SLAB LENGTH (L)	MIN. LENGTH REMAINING
40' OR LONGER	1/4 L
15' - 40'	10'
15' OR SHORTER	REBUILD TO NEAREST JOINT

   A. FOR TRANSVERSE TRENCHES, THE MINIMUM SLAB LENGTH AS SHOWN IN TABLE 1 SHALL BE LEFT IN PLACE TO THE NEAREST TRANSVERSE JOINT. IF THIS CRITERIA CANNOT BE MET, THE EXISTING SLAB AREA FROM THE TRENCH EDGE TO THE NEAREST TRANSVERSE JOINT SHALL BE REMOVED AND REBUILT AS FOLLOWS:

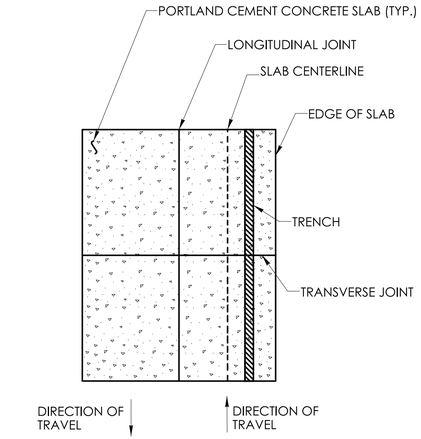
      a. PLACE HMA S1.0 TRAFFIC LEVEL 2 IN TWO EQUAL 4" - 5" LIFTS TO MATCH EXISTING CONCRETE PAVEMENT THICKNESS
      b. PLACE HMA S0.5 TRAFFIC LEVEL 2 IN 2" - 3" LIFTS TO MATCH EXISTING BITUMINOUS CONCRETE PAVEMENT THICKNESS, WITH THE FINAL LIFT BEING 2"



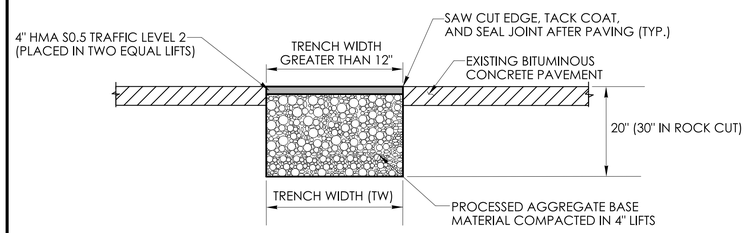
TEMPORARY PAVEMENT FOR TRENCH THROUGH OVERLAID PORTLAND CEMENT CONCRETE (PCC) (TRENCH WIDTH GREATER THAN 12")



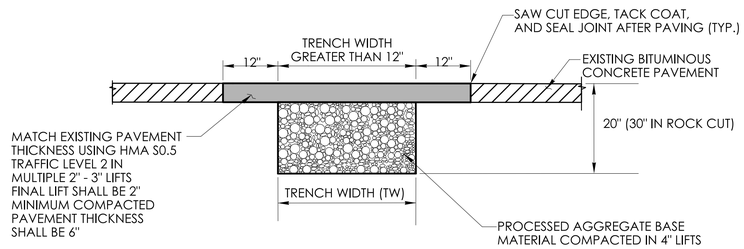
PERMANENT PAVEMENT FOR TRENCH THROUGH OVERLAID PORTLAN CEMENT CONCRETE (PCC) (TRENCH WIDTH GREATER THAN 12")



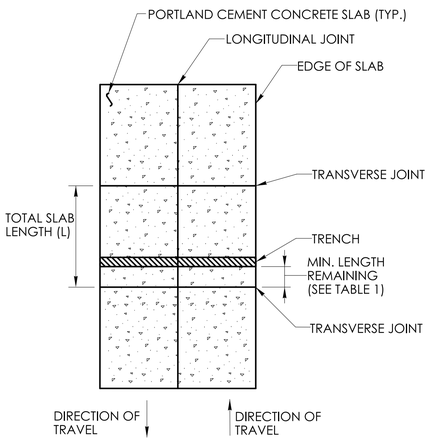
LONGITUDINAL TRENCHING FOR JOINTED CONCRETE PAVEMENT (SEE NOTE 1)



TEMPORARY PAVEMENT FOR TRENCH THROUGH BITUMINOUS CONCRETE (TRENCH WIDTH GREATER THAN 12")



PERMANENT PAVEMENT FOR TRENCH THROUGH BITUMINOUS CONCRETE



TRANSVERSE TRENCHING FOR JOINTED CONCRETE PAVEMENT (SEE NOTE 2)

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

DESIGNER/DRAFTER: CHECKED BY:

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **MAPLE ROAD COMPLETE STREETS IMPROVEMENTS ROAD RECONSTRUCTION AND MULTI-USE PATH**

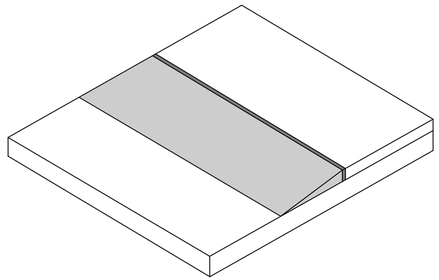
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DRAWING TITLE: **PAVEMENT REPAIR**

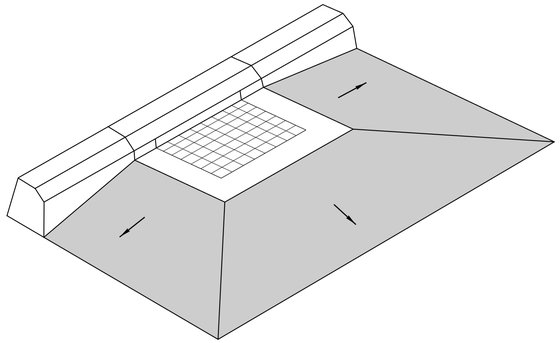
PROJECT NO.: **L077-0002 L077-0003**

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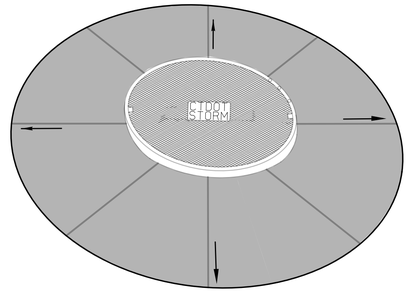
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PLOTTED DATE: 10/30/2024



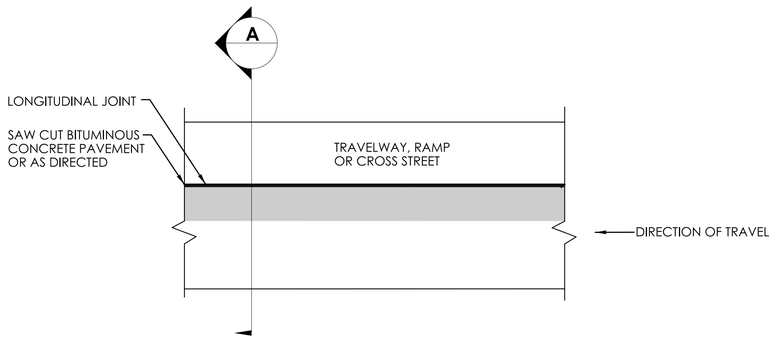
LONGITUDINAL JOINT



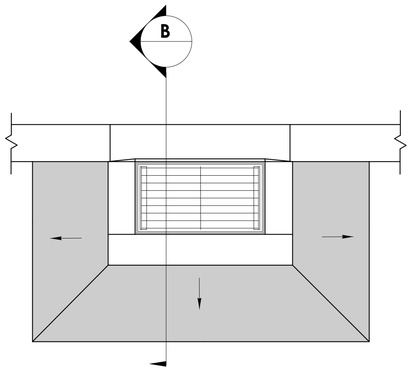
TRANSITION AT RECTANGULAR STRUCTURES



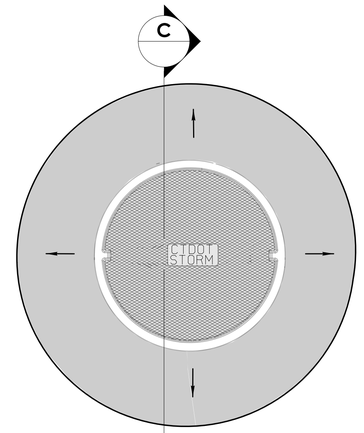
TRANSITION AT ROUND STRUCTURES



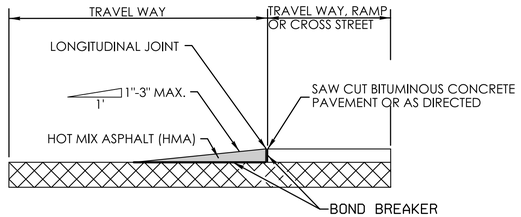
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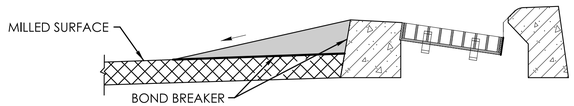
PLAN



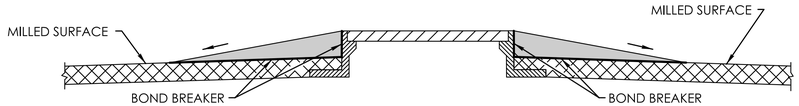
PLAN



SECTION A



SECTION B



SECTION C

POSTED SPEED LIMIT	TEMPORARY TRANSITIONS AT ROADWAY STRUCTURES GREATER THAN 1 INCH
35 MPH OR LESS *	LEADING AND TRAILING 1:12
40, 45, OR 50 MPH **	LEADING AND TRAILING 1:24
GREATER THAN 50 MPH **	LEADING AND TRAILING 1:36

* ROUND STRUCTURES WITH A VERTICAL FACE BETWEEN 1 INCH TO 2.5 INCHES MAY BE TRANSITIONED WITH A HARD RUBBER TAPERED PROTECTION RING AS APPROVED.
BITUMINOUS CONCRETE TAPERS AT A MINIMUM 12:1 TAPER IN ALL DIRECTIONS MAY BE SUBSITUTED FOR THE PROTECTION RINGS AS APPROVED.

* ROUND STRUCTURES WITH A VERTICAL FACE GREATER THAN 2.5 INCHES SHALL RECIEVE A MINIMUM TAPER OF 12:1 IN ALL DIRECTIONS.

* ALL RECTANGULAR STRUCTURES SHALL RECIEVE A MINIMUM TAPER OF 12:1 IN ALL DIRECTIONS.

** FOR ALL DIRECTIONS EXCEPT THE LEADING AND TRAILING THE MINIMUM TAPER SHALL BE 12:1.

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

DESIGNER/DRAFTER: CHECKED BY:

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **MAPLE ROAD COMPLETE STREETS IMPROVEMENTS ROAD RECONSTRUCTION AND MULTI-USE PATH**

TOWN(S): **MANSFIELD**

DRAWING TITLE: **TEMPORARY PAVEMENT TRANSITIONS AT STRUCTURES AND LONGITUDINAL JOINTS**

PROJECT NO.: **L077-0002 L077-0003**

DRAWING NO.:

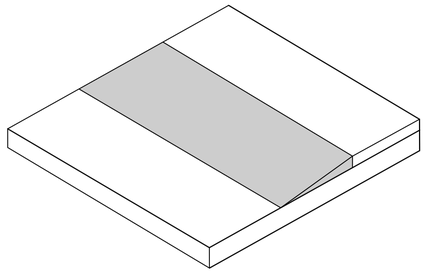
SHEET NO.: **DET-04**

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PLOTTED DATE: 10/30/2024

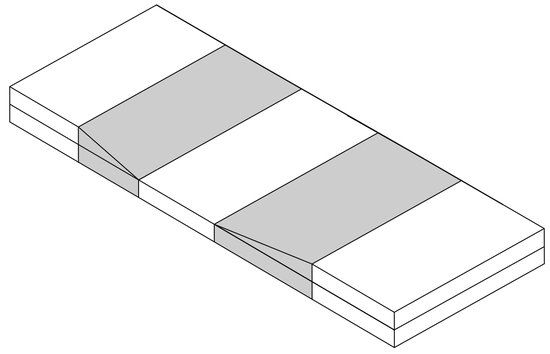
GENERAL NOTES:

1. APPLY ACCEPTABLE BOND BREAKER MATERIAL FOR ALL TEMPORARY PAVEMENT TRANSITIONS. PAVEMENT TO BE THOROUGHLY CLEANED PRIOR TO PERMANENT PAVING.

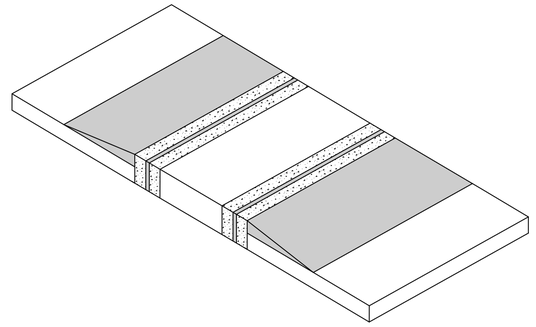
   THE APPROPRIATE BITUMINOUS CONCRETE MIX OR MILLING WHICH WILL INCLUDE:
   A. BOND BREAKER MATERIAL AND INSTALLATION
   B. SAW CUTTING BITUMINOUS PAVEMENT
   C. THOROUGH REMOVAL AND DISPOSAL OF TEMPORARY HMA AND BOND BREAKER MATERIAL



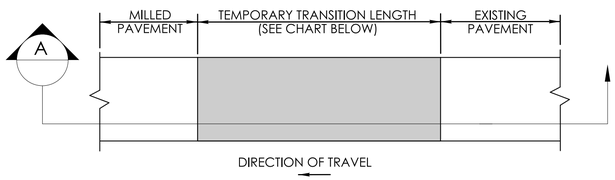
TEMPORARY TRANSITION DURING MILLING



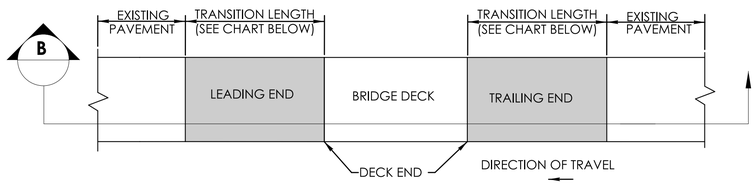
TEMPORARY TRANSITION OVER BRIDGE DECK NO.1



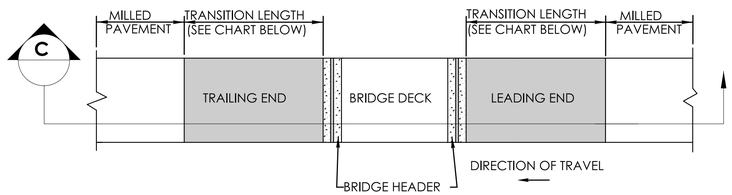
TEMPORARY TRANSITION OVER BRIDGE DECK NO. 2



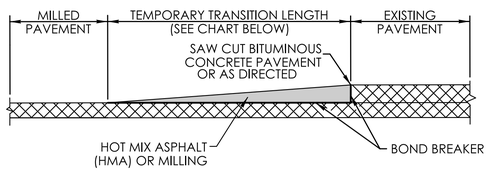
PLAN



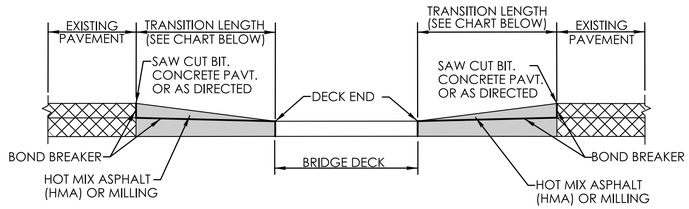
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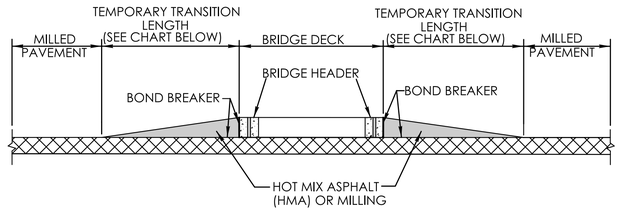
PLAN



SECTION A



SECTION B



SECTION C

POSTED SPEED LIMIT	TEMPORARY TRANSITION LENGTH
35 MPH OR LESS	LEADING AND TRAILING — 1 INCH / 3 FEET
40, 45, OR 50 MPH	LEADING AND TRAILING — 1 INCH / 4 FEET
GREATER THAN 50 MPH	LEADING TRANSITION — 1 INCH / 15 FEET TRAILING TRANSITION — 1 INCH / 6 FEET

REVISION DESCRIPTION | DATE | REV.

SIGNATURE BLOCK:

DESIGNER/DRAFTER: CHECKED BY:

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **MAPLE ROAD COMPLETE STREETS IMPROVEMENTS ROAD RECONSTRUCTION AND MULTI-USE PATH**

TOWN(S): **MANSFIELD**

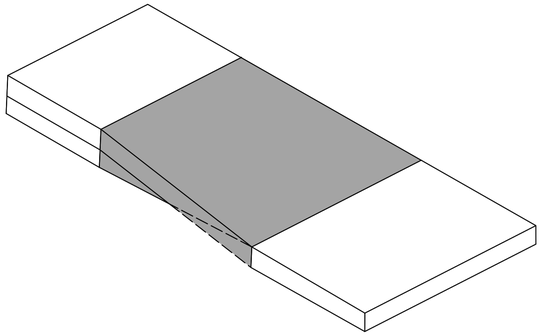
DRAWING TITLE: **TEMPORARY PAVEMENT TRANSITIONS AT BRIDGES AND MLLING OF PAVEMENT**

PROJECT NO.: **L077-0002 L077-0003**

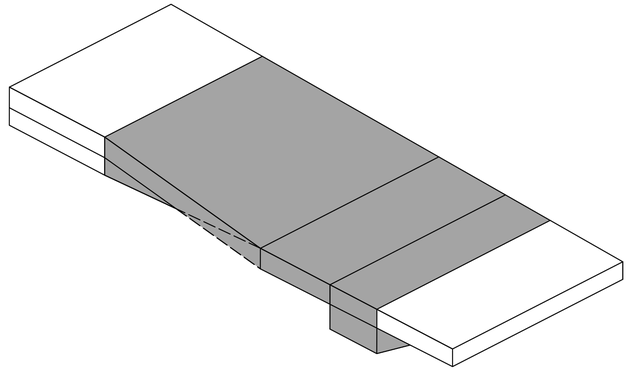
DRAWING NO.:

SHEET NO.: **DET-05**

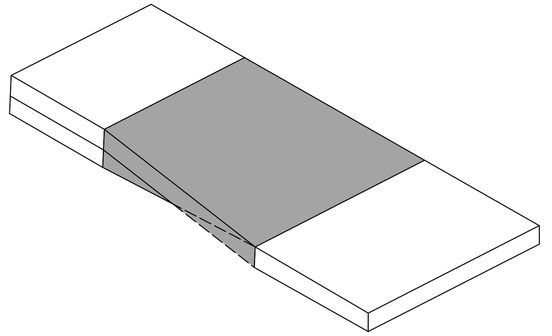
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PLOTTED DATE: 10/30/2024



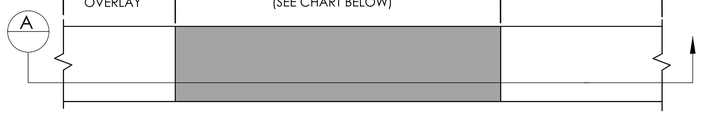
TRANSITION BETWEEN VARYING ELEVATIONS OF OVERLAY



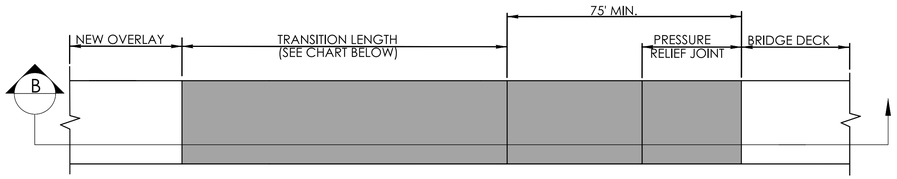
PERMANENT TRANSITION AT PRESSURE RELIEF JOINT



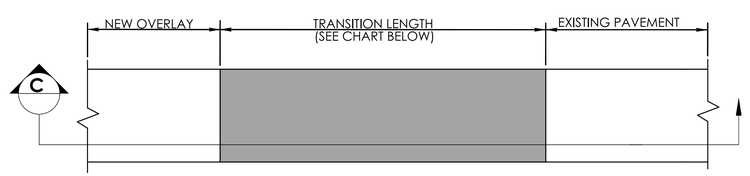
PERMANENT TRANSITION TO EXISTING PAVEMENT



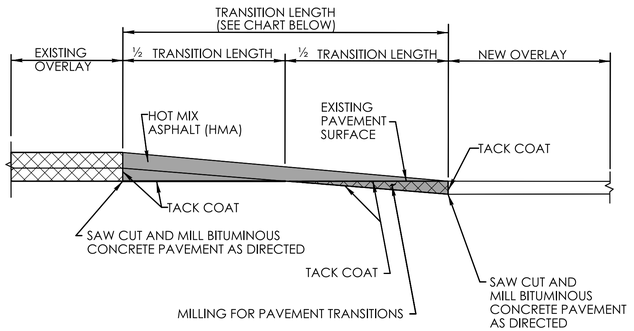
PLAN



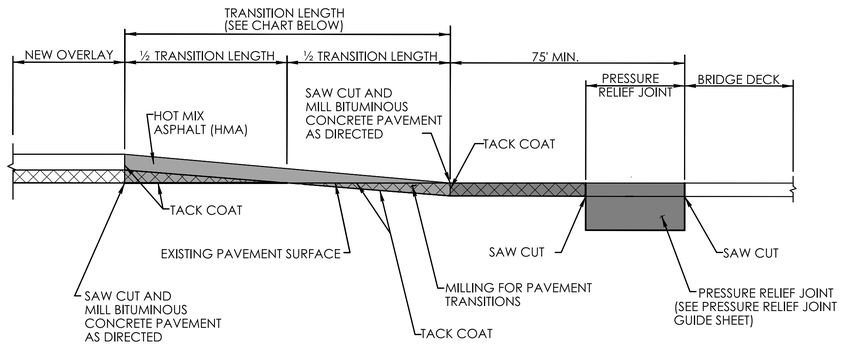
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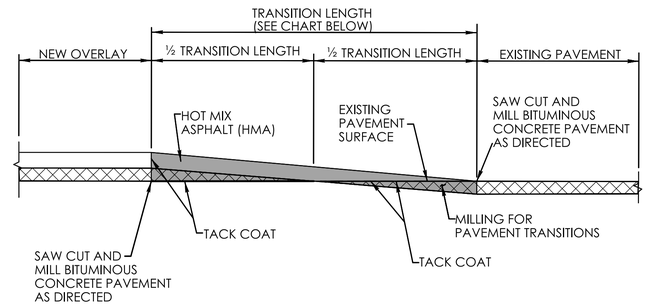
PLAN



SECTION A



SECTION B



SECTION C

POSTED SPEED LIMIT	PERMANENT TRANSITION LENGTH
35 MPH OR LESS	1 INCH / 15 FEET
GREATER THAN 35 MPH	1 INCH / 30 FEET

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

DESIGNER/DRAFTER: CHECKED BY:

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **MAPLE ROAD COMPLETE STREETS IMPROVEMENTS ROAD RECONSTRUCTION AND MULTI-USE PATH**

TOWN(S): **MANSFIELD**

DRAWING TITLE: **PERMANENT PAVEMENT TRANSITION FOR ROADWAY SURFACE**

PROJECT NO.: **L077-0002 L077-0003**

DRAWING NO.:

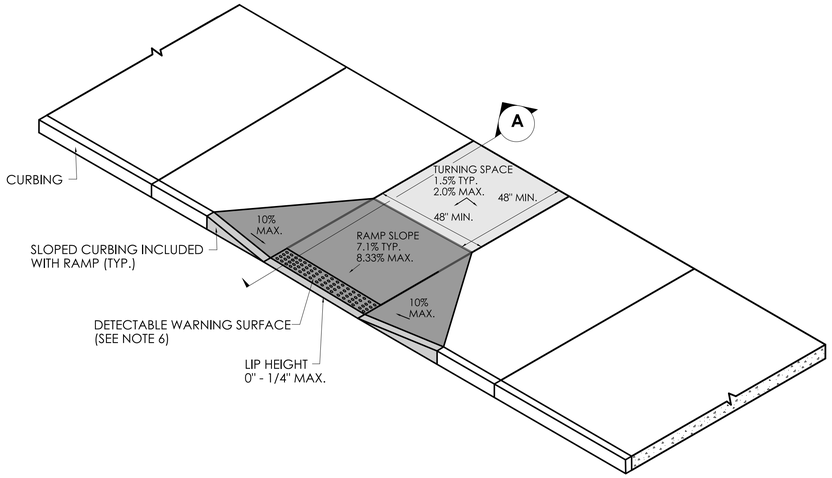
SHEET NO.: **DET-06**

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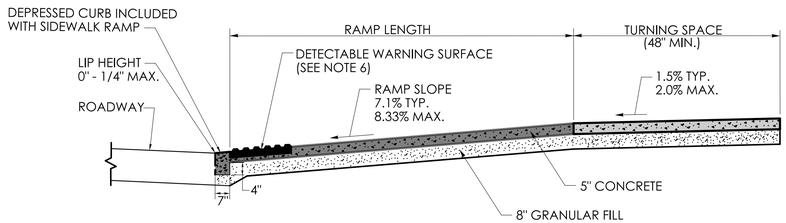
PLOTTED DATE: 10/30/2024

GENERAL NOTES:

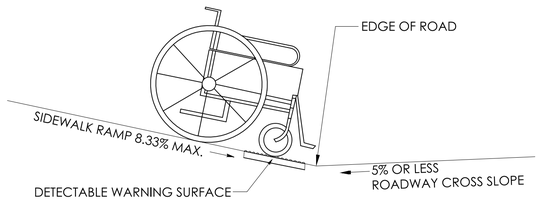
1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED ¼" INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.
5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMLATE WITHIN THE PEDESTRIAN ACCESS ROUTE.



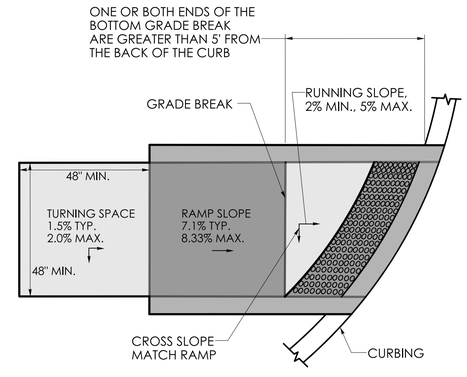
PERPENDICULAR SIDEWALK RAMP AND SECTION



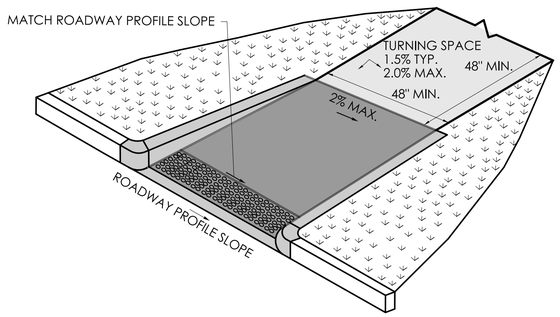
SECTION A



SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF 5% OR LESS GUTTER COUNTER SLOPE

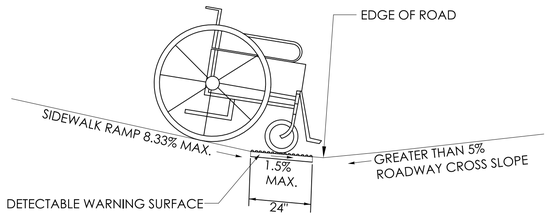


GRADE BREAK GREATER THAN 5' DETECTABLE WARNING SURFACE LOCATION

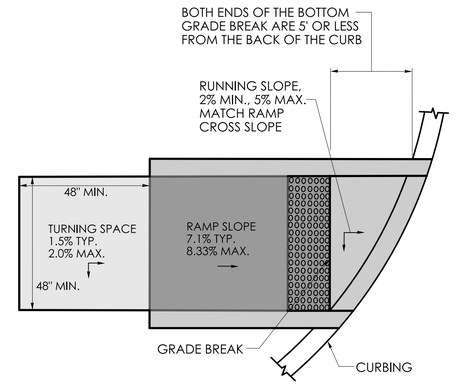


RAMP WARPING DETAIL

1. TRANSITION SIDEWALK RAMP TO MATCH ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3 % PER FOOT CROSS SLOPE RATE OF CHANGE WHEN TRANSITIONING TO ROADWAY PROFILE.
2. COMPLETE TRANSITION TO THE ROADWAY PROFILE BEHIND THE DETECTABLE WARNING SURFACE.



SIDEWALK RAMP GRADE AT ROADWAY CROSS SLOPE OF GREATER THAN 5% GUTTER COUNTER SLOPE



GRADE BREAK OF 5' OR LESS DETECTABLE WARNING SURFACE LOCATION

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

DESIGNER/DRAFTER: CHECKED BY:

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **MAPLE ROAD COMPLETE STREETS IMPROVEMENTS ROAD RECONSTRUCTION AND MULTI-USE PATH**

TOWN(S): **MANSFIELD**

DRAWING TITLE: **CONCRETE SIDEWALK RAMPS SHEET 1 OF 11**

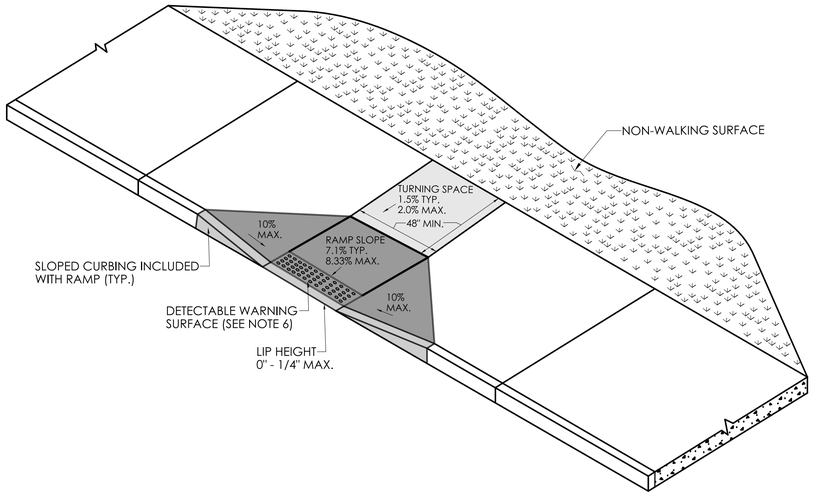
PROJECT NO.: **L077-0002 L077-0003**

DRAWING NO.: SHEET NO.: **DET-07**

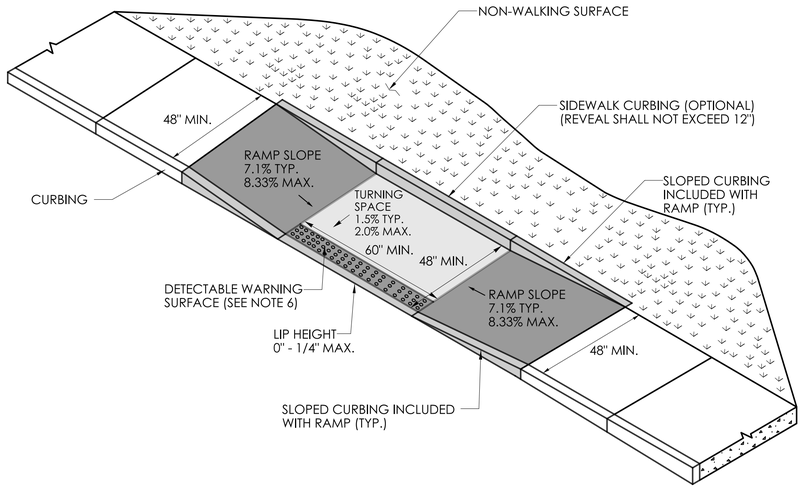
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PLOTTED DATE: 10/30/2024

GENERAL NOTES:

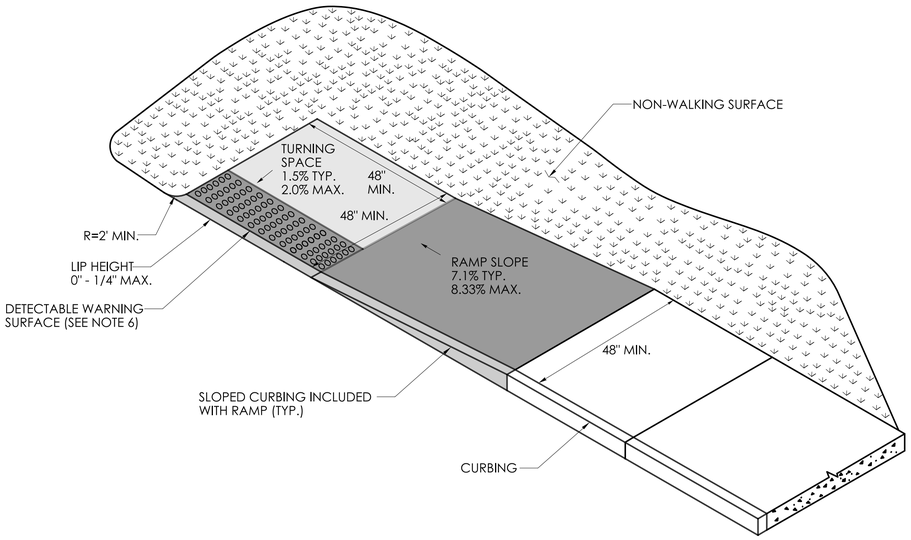
1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED ¼ INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.
5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCUMLATE WITHIN THE PEDESTRIAN ACCESS ROUTE.



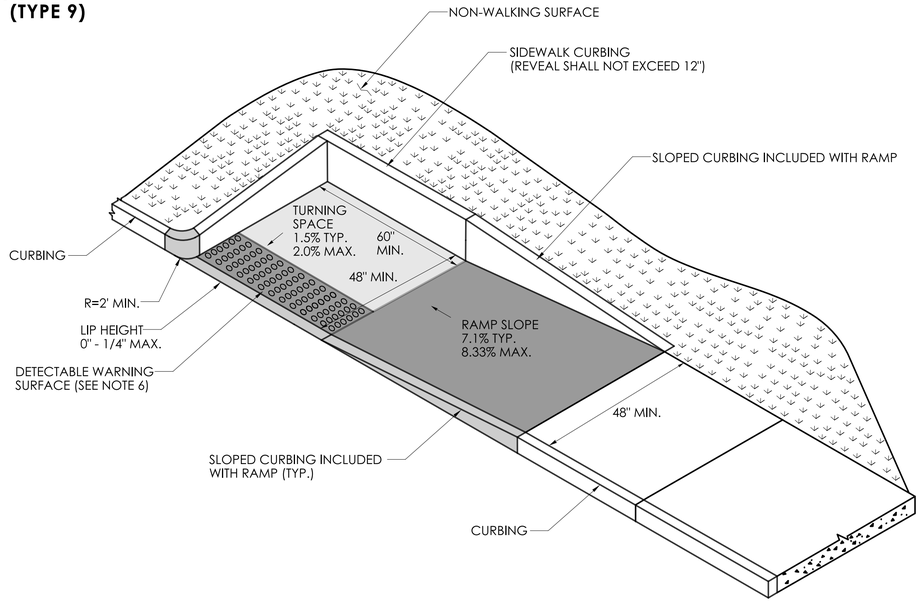
PERPENDICULAR RAMP WITH 48" BY-PASS (TYPE 8)



PARALLEL RAMP WITH TURNING SPACE CONSTRAINED ON TWO (2) OR MORE SIDES (TYPE 9)



PARALLEL RAMP WITH TURNING SPACE CONSTRAINED ON ONE SIDE (TYPE 10a)



PARALLEL RAMP WITH TURNING SPACE CONSTRAINED ON TWO (2) OR MORE SIDES (TYPE 10b)

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

DESIGNER/DRAFTER: CHECKED BY:

CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **MAPLE ROAD COMPLETE STREETS IMPROVEMENTS ROAD RECONSTRUCTION AND MULTI-USE PATH**

TOWN(S): **MANSFIELD**

DRAWING TITLE: **CONCRETE SIDEWALK RAMPS SHEET 4 OF 11**

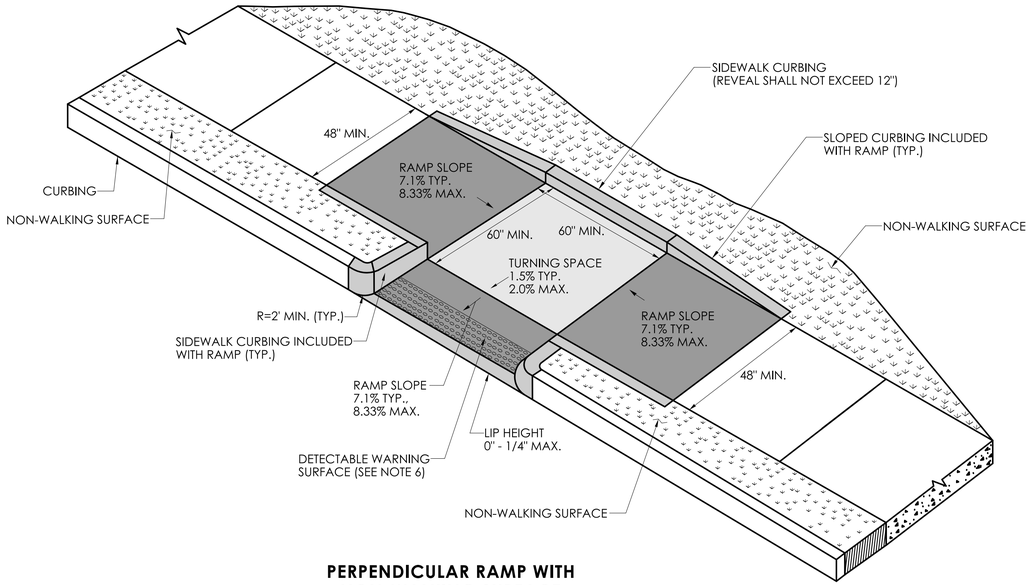
PROJECT NO.: **L077-0002 L077-0003**

DRAWING NO.: SHEET NO.: **DET-08**

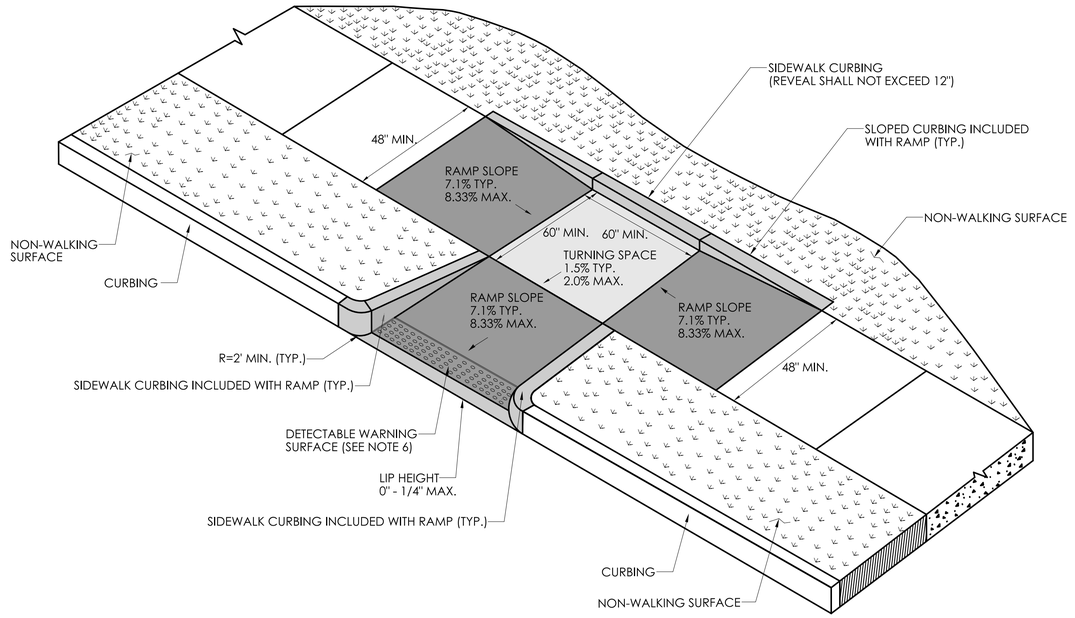
LASTED SAVED BY: klipatrickdj **FILE NAME:** C:\Users\Klipatrickdj\State of Connecticut\DOT Engineering Services - Documents\HWY_STD_GUIDE_DWG\B - Going for signatures\Jan 2025 Stnd & Guide Shts\CTDOT_HIGHWAY_GD Jan 2025 [10-30-24].dgn
PLOTTED DATE: 10/30/2024

GENERAL NOTES:

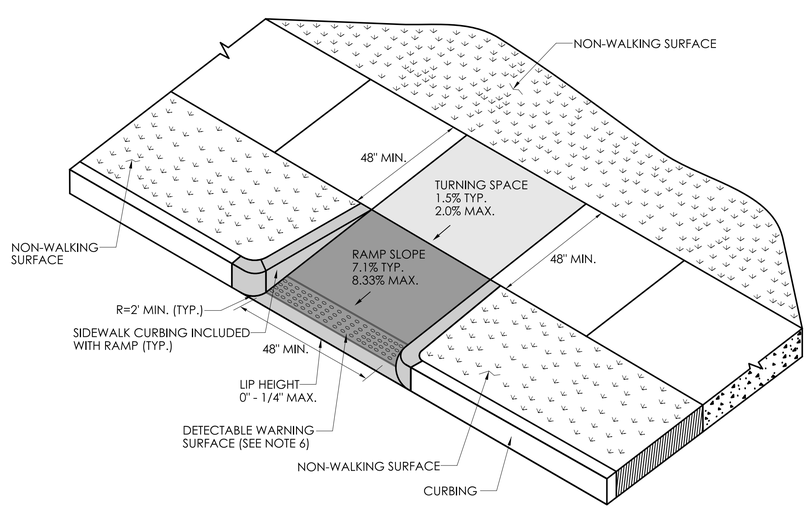
1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED $\frac{1}{4}$ INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.
5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED ON SIDEWALK RAMPS AT PEDESTRIAN STREET CROSSINGS, PEDESTRIAN REFUGE ISLANDS AND RAILROAD CROSSINGS ALONG STREETS OR HIGHWAYS.
6. DETECTABLE WARNING SURFACES SHALL EXTEND 2 FEET MIN. IN THE DIRECTION OF PEDESTRIAN TRAVEL AND SPAN THE ENTIRE RAMP OPENING.
7. ALL GUIDESHEET VALUES COMPLY WITH PROWAG DRAFT 2013 GUIDELINES. UPDATED VALUES WILL BE MADE TO COMPLY WITH PROWAG FINAL RULE ONCE OFFICIALLY THE LAW.
8. CTDOT DESIGN STANDARD USE THE PUBLIC RIGHT-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) SEE ENGINEERING DIRECTIVE ED-2019-7.
9. CURB RAMPS SHALL BE CONSTRUCTED SO THAT WATER WILL NOT ACCULATE WITHIN THE PEDESTRIAN ACCESS ROUTE.



PERPENDICULAR RAMP WITH NON-WALKING SURFACE (TYPE 11)



PERPENDICULAR RAMP WITH SIDEWALK CURB AND NON-WALKING SURFACE (TYPE 12)



PERPENDICULAR RAMP WITH NON-WALKING SURFACE (TYPE 13)

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

DESIGNER/DRAFTER: CHECKED BY:

CTDOT CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT TITLE: **MAPLE ROAD COMPLETE STREETS IMPROVEMENTS ROAD RECONSTRUCTION AND MULTI-USE PATH**

TOWN(S): **MANSFIELD**

DRAWING TITLE: **CONCRETE SIDEWALK RAMPS SHEET 5 OF 11**

PROJECT NO.: **L077-0002 L077-0003**

DRAWING NO.:

SHEET NO.: **DET-09**

LASTED SAVED BY: klpatrickdj **FILE NAME:** C:\Users\Klpatrickdj\State of Connecticut\DOT Engineering Services - Documents\HWY_STD_GUIDE_DWG\B - Going for signatures\Jan 2025 Stnd & Guide Shts\CTDOT_HIGHWAY_GD Jan 2025 [10-30-24].dgn

PLOTTED DATE: 10/30/2024

R1 - SERIES

R1-1 *



LEGEND - WHITE
BACKGROUND - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.85	18	31-0532	1	.080
5.19	30	31-0552	1	.080
7.98	36	31-0553	1	.080
13.3	48	31-0557	2	.100

R1-2 *



LEGEND - RED
BACKGROUND -WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
0.97	18	31-0520	1	.080
3.90	36	31-0523	1	.080
6.77	48	31-0522	2	.100
10.83	60	31-0528	2	.100

R1-3P *



LEGEND - WHITE
BACKGROUND - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
0.75	18X6	31-0508		.080

R2 - SERIES

R2-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-5505	1	.080
7.50	30X36	31-5504	1	.080
12.00	36X48	31-5506	2	.100
20.00	48X60	31-5507	2	.100

R2-4a



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
32	48X96	31-5510	2	.125

R3 - SERIES

R3-1



LEGEND - BLACK
BACKGROUND - WHITE
CIRCLE & DIAGONAL - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1604	1	.080
9.00	36X36	31-1627	2	.080

R3-2



LEGEND - BLACK
BACKGROUND - WHITE
CIRCLE & DIAGONAL - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1603	1	.080
9.00	36X36	31-1629	2	.080

R3-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1648	1	.080
9.00	36X36	31-1647	2	.080

R3-4



LEGEND - BLACK
BACKGROUND - WHITE
CIRCLE & DIAGONAL - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	31-1622	1	.080
9.00	36X36	31-1632	2	.080

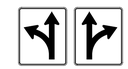
R3-5



31-0183 31-0184

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36		1	.080

R3-6



31-0157 31-0158

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36		1	.080

R3-7



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30	31-0117	1	.080
9.00	36X36	31-0120	2	.080

R3-7



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30	31-0118	1	.080
9.00	36X36	31-0123	2	.080

R3-6



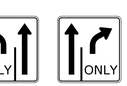
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X24	31-0175	1	.080

R3-8



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30	31-0290	1	.080

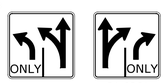
R3-8



31-0222 31-0223

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30		1	.080

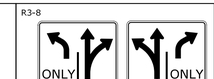
R3-8



31-0262 31-0261

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30		1	.080

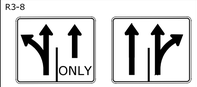
R3-8



31-0282 31-0283

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30		2	.080

R3-8



31-0295 31-0219

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30		2	.080

R3-8



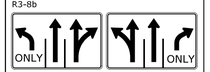
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.75	42X30	31-0279	2	.100

R3-8b



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
10.00	48X30	31-0302	2	.100

R3-8b



31-0307 31-0372

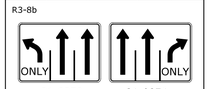
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
10.00	48X30		2	.100

R3-8b



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.75	42X30	31-0334	2	.100

R3-8b



31-0370 31-0371

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.75	42X30		2	.100

R4 - SERIES

R4-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1502	1	.080

R4-16



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
20.00	48X60	31-1574	2	.100

R4-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1562	1	.080
20.00	48X60	31-1564	2	.100

R4-7



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1526	1	.080
12.00	36X48	31-1536	2	.100
20.00	48X60	31-1546	2	.100

R5 - SERIES

R5-1 *



LEGEND - WHITE
BACKGROUND - WHITE
CIRCLE - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30	31-1119	1	.080
9.00	36X36	31-1120	2	.080
16.00	48X48	31-1121	2	.100

R5-10a(CT)



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36X36	31-1775	2	.100

R5-1a *



LEGEND - WHITE
BACKGROUND - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.00	36X24	31-1122	2	.080
8.75	42X30	31-1123	2	.100

R5-11



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	30X24	31-1790	1	.080
20.00	48X36	31-1792	2	.100

R5-10a(CT)



LEGEND - BLACK
TOP SECTION BACKGROUND - YELLOW
BOTTON SECTION BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
32.50	60X78	31-1719	2	.125

R5-10c



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	31-1774	1	.080

R6 - SERIES

R6-1 *



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	36X12	31-1188	1	.080
6.75	54X18	31-1189	2	.100

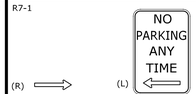
R6-1 *



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	36X12	31-1177	1	.080
6.75	54X18	31-1178	2	.100

R7 - SERIES

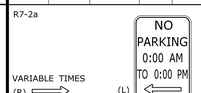
R7-1



LEGEND - RED
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	12X18	31-0630	1	.080

R7-2a



LEGEND - RED
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	12X18	31-0603	1	.080

R8 - SERIES

R8-7



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
12.00	48X36	31-0670	2	.100

R9 - SERIES

R9-3



LEGEND - BLACK
BACKGROUND - WHITE
CIRCLE & DIAGONAL - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.25	18X18	31-1705	1	.080
4.00	24x24	31-1769	1	.080
6.25	30x30	31-1770	1	.080

R9-3a



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	12X18	31-1702	1	.080

R10 - SERIES

R10-6



31-0801 31-0802

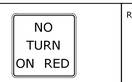
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.00	24X36		1	.080

R10-7



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-0806	1	.080

R10-11b



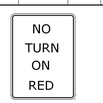
AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36X36	31-0816	2	.080

R10-10L



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36	31-0852	1	.080

R10-11a



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36	31-0830	1	.080
12.00	36X48	31-0819	2	.100

R10-11c(CT)



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	30X36	31-0847	1	.080

R10-15 *



31-1626 31-1625

LEGEND AND SYMBOLS - BLACK
YIELD SYMBOL - RED
BACKGROUND:
TOP - FLUORESCENT YELLOW-GREEN
BOTTOM - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30X30		1	.080

R11 - SERIES

R11-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	31-1915	1	.080
20.00	48X60	31-1918	2	.100

RETROREFLECTIVE STRIP



LEGEND - N/A
BACKGROUND - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.00	4X48	31-5003	1	.080
2.00	4X72	31-5004	1	.080

NOTES:

1. THE LEGEND "O.S.T.A." SHALL APPEAR ON ALL R- SERIES SIGNS EXCEPT WHEN SUFFIXED WITH THE LETTER "Z".
2. FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
3. POSTS - SEE STANDARD SHEET TR-1208_02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."
4. POSTS SHALL BE 4 LBS./FT.
5. SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED.
6. FOR OVERHEAD MOUNTED SIGNS, SEE STANDARD SHEET TR-1114_01 - "BONDING AND UTILITY POLE ATTACHMENT DETAILS, SIGN HANGER, "Y" CLAMP DETAIL."

COLORS:

BACKGROUND - WHITE - EXCEPT AS NOTED.

LEGEND - BLACK - EXCEPT AS NOTED.

ALL SIGNS TO USE TYPE IX RETROREFLECTIVE SHEETING WITH THE EXCEPTION OF OVERHEAD MOUNTED SIGNS AND SIGNS DESIGNATED WITH AN * WHICH SHALL BE TYPE XI RETROREFLECTIVE SHEETING.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
4	10-2021	REVISED SHEETING TYPE	TR-GS_01
3	12-2018	REVISED RETROREFLECTIVE STRIPS	TR-GS_01
2	10-2018	REVISED R5-11 SIGNS PER MUTCD	TR-GS_01
1	6-2018	NEW SHEET ISSUED	TR-GS_01

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: 10/14/2021

DESIGNER/DRAFTER: **A. MERMELSTEIN**
CHECKED BY: **B. SCHILLING**
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\CTDOT_TRAFFIC_GS.dgn

SIGNATURE/ BLOCK:
OFFICE OF ENGINEERING
APPROVED BY: DATE:

PROJECT TITLE:
MAPLE ROAD
COMPLETE STREETS IMPROVEMENTS
ROAD RECONSTRUCTION AND
MULTI-USE PATH

TOWN: **MANSFIELD**

DRAWING TITLE:
SIGN FACE SHEET ALUMINUM (X)
R-SERIES TYPICAL SIGN DETAILS

PROJECT NO. **L077-0002/3**
DRAWING NO. **TR-GS_01**
SHEET NO. **DET-10**

S - SERIES

S1-1



LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.75	36	41-2112	1	.080
12.00	48	41-2113	2	.100

W1 - SERIES

W1-1L



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4006	1	.080
9.00	36	41-4031	1	.080

W1-1R



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4005	1	.080
9.00	36	41-4160	1	.080

W1-6



LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW
(LEFT OR RIGHT)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.00	48X24	41-4223	2	.100
12.50	60X30	41-4262	2	.100

W1-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4029	1	.080
9.00	36	41-4169	1	.080

W1-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4168	1	.080
9.00	36	41-4032	1	.080

W1-7



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
8.00	48X24	41-4207	2	.100
12.50	60X30	41-4208	2	.100

W1-8



LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW
(LEFT OR RIGHT)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	18X24	41-3951	1	.080
7.50	30X36	41-4211	1	.080
12.00	36X48	41-4260	2	.080

W2 - SERIES

W2-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4226	1	.080
9.00	36	41-4236	1	.080

W2-2



(LEFT OR RIGHT)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4225	1	.080
9.00	36	41-4235	1	.080

W3 - SERIES

W3-1



OCTAGON - RED

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-0501	1	.080
16.00	48	41-0503	2	.100

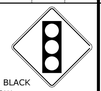
W3-2



TRIANGLE - RED & WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-0504	1	.080
16.00	48	41-0506	2	.100

W3-3



SYMBOL & LEGEND - BLACK
BACKGROUND - YELLOW
TOP CIRCLE - RED
BOTTOM CIRCLE - GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-0835	1	.080
16.00	48	41-0848	2	.100



W/ FLASHERS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
25.00	60	41-0534	2	.125

W4 - SERIES

W4-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4448	1	.080
16.00	48	41-4452	2	.100

W4-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4449	1	.080
16.00	48	41-4459	2	.100

W4-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4442	1	.080
16.00	48	41-4446	2	.100

W4-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4441	1	.080
16.00	48	41-4447	2	.100

W4-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4468	1	.080
16.00	48	41-4435	2	.100

W4-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4470	1	.080
16.00	48	41-4434	2	.100

W5 - SERIES

W5-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4402	1	.080
16.00	48	41-4404	2	.100

W6 - SERIES

W6-1



W6-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4335	1	.080
16.00	48	41-4330	2	.100

W6-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4329	1	.080
16.00	48	41-4331	2	.100

W7 - SERIES

W7-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4506	1	.080
9.00	36	41-4530	1	.080
16.00	48	41-4508	2	.100

W8 - SERIES

W8-5



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4519	1	.080
9.00	36	41-4520	1	.080
16.00	48	41-4521	2	.100

W9 - SERIES

W9-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4443	1	.080
16.00	48	41-4444	2	.100

W9-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4440	1	.080
16.00	48	41-4445	2	.100

W9-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4454	1	.080
16.00	48	41-4456	2	.100

W9-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4453	1	.080
16.00	48	41-4455	2	.100

W11 - SERIES

W11-2



LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4829	1	.080
9.00	36	41-4830	1	.080

W11-8



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4680	1	.080
9.00	36	41-4681	1	.080

W12 - SERIES

W12-1



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.25	30	41-4213	1	.080
9.00	36	41-4215	1	.080

W12-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
9.00	36	41-4706	1	.080
16.00	48	41-4708	2	.100

LEFT LANE

(SUBPLATE)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	30X24	41-4721		.080

RIGHT LANE

(SUBPLATE)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	30X24	41-4722		.080

W13 - SERIES

W13-1P



(SUBPLATE)

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.25	18X18	41-5566		.080
4.00	24X24	41-5567		.080
6.25	30X30	41-5574		.080

W13-2



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
12.00	36X48	41-5596	2	.100

W13-3



AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
12.00	36X48	41-5581	2	.100

W16 - SERIES

W16-2aP

(SUBPLATE)
USE AT ADVANCE SIGN LOCATION
LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-6140		.080

W16-7PL



(SUBPLATE)
USE AT CROSSWALK
LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-2617		.080

W16-7PR



(SUBPLATE)
USE AT CROSSWALK
LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-2619		.080

W16-9P



(SUBPLATE)
USE AT ADVANCE SIGN LOCATION
LEGEND - BLACK
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-6126		.080
3.75	30X18	41-6137		.080

W16-2aP

(SUBPLATE)
USE AT ADVANCE SIGN LOCATION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	24X12	41-6130		.080
3.75	30X18	41-6134		.080

RETROREFLECTIVE STRIP

LEGEND - N/A
BACKGROUND - FLUORESCENT YELLOW GREEN

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.00	4X72	41-5010	1	.080

LEGEND - N/A
BACKGROUND - FLUORESCENT YELLOW

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	4X48	41-5001	1	.080
2.00	4X72	41-5006	1	.080

NOTES:

1. FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
2. POSTS - SEE STANDARD SHEET TR-1208_02 "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."
3. POSTS SHALL BE 4 LBS./FT.
4. SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED.
5. FLUORESCENT YELLOW RETROREFLECTIVE STRIPS SHALL BE INSTALLED ON ALL SIGN POSTS FOR W1-6 AND W1-8 SIGNS. FLUORESCENT YELLOW GREEN RETROREFLECTIVE STRIPS SHALL BE INSTALLED ON ALL SIGN POSTS FOR S1-1 AND W11-2 SIGNS LOCATED AT CROSSINGS. RETROREFLECTIVE STRIPS SHOULD NOT BE INSTALLED ON ADVANCE CROSSING WARNING SIGNS. SEE STANDARD SHEET TR-1208_01 "SIGN PLACEMENT AND RETROREFLECTIVE STRIP DETAILS" FOR RETROREFLECTIVE STRIP DETAILS AND INSTALLATION.

COLORS:

BACKGROUND - YELLOW - EXCEPT AS NOTED.
LEGEND - BLACK - EXCEPT AS NOTED.
ALL SIGNS TO USE TYPE XI RETROREFLECTIVE SHEETING.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
2	10-2021	REVISED SHEETING TYPE	TR-GS_02
1	6-2018	NEW SHEET ISSUED	TR-GS_02

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: 10/14/2021

DESIGNER/DRAFTER: **A. MERMELSTEIN**
CHECKED BY: **B. SCHILLING**
NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\CTDOT_TRAFFIC_GS.dgn

SIGNATURE/ BLOCK:
OFFICE OF ENGINEERING
APPROVED BY: DATE:

PROJECT TITLE:
MAPLE ROAD
COMPLETE STREETS IMPROVEMENTS
ROAD RECONSTRUCTION AND
MULTI-USE PATH

TOWN: **MANSFIELD**

DRAWING TITLE:
SIGN FACE SHEET ALUMINUM (Y)
S&W SERIES TYPICAL SIGN DETAILS

PROJECT NO. **L077-0002/3**
DRAWING NO. **TR-GS_02**
SHEET NO. **DET-11**

D1 - SERIES

D1-1
51-5202 Variable →

D1-2
51-5203 Variable Variable →

VARIABLE LEGEND & ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	60X12	51-5202	2	.100
10.00	60X24	51-5203	2	.100

D3 - SERIES

D3-1
Variable Road Name

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.00	48X18	51-2004	2	.100
7.50	60X18	51-2001	2	.100
9.00	72X18	51-2002	2	.125
10.50	84X18	51-2003	2	.125

D4 - SERIES

D4-2
PARK - RIDE

VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	51-6006	1	.080
7.50	30X36	51-6007	1	.080

D4-2
EXIT 000
PARK - RIDE

VARIABLE EXIT NUMBER

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
38.50	84X66	51-2082	3	.125

D4-2
PARK - RIDE

VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	51-6033	1	.080
7.50	30X36	51-6034	1	.080

D4-2
EXIT 000
PARK - RIDE

VARIABLE EXIT NUMBER

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
38.50	84X66	51-2095	3	.125

D4-2
PARK - RIDE

VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
5.00	24X30	51-6044	1	.080
7.50	30X36	51-6045	1	.080

D4-2
EXIT 000
PARK - RIDE

VARIABLE EXIT NUMBER

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
38.50	84X66	51-2097	3	.125

D4-2
EXIT 000
PARK - RIDE

VARIABLE EXIT NUMBER

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
38.50	84X66	51-2099	3	.125

D5 - SERIES

D5-2b
REST AREA →

LEGEND - WHITE
BACKGROUND - BLUE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
42.25	78X78	51-6901	2	.125

SERVICE PLAZA →

LEGEND - WHITE
BACKGROUND - BLUE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
39.00	72X78	51-6158	2	.125

D7 - SERIES

D-7
51-6802 Variable →
51-6803 Variable Variable →

W or W/O ARROW
VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.17	60X12	51-6802	2	.100
8.33	60X24	51-6803	2	.100

D9 - SERIES

D9-2
H

** FOR ARROW SUBPLATES USE M5 & M6 SERIES

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-6788	1	.080

51-6705 DIESEL →
51-6706 FOOD →
51-6708 GAS →
51-6709 LODGING →

VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.25	36X9		2	.080

51-5405 STATE POLICE →
51-6714 CAMPING →
51-6960 INFO →

VARIABLE ARROW DIRECTION

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.25	36X9		2	.080

D10 - SERIES

D10-4
NORTH 95 MILE 000

CARDINAL DIRECTION, SHIELD AND NUMERALS ARE VARIABLE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
6.75	18X54	51-5307	1	.080

RECREATIONAL RS- SERIES

RS-054

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-6873	1	.080

RS-117

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-7872	1	.080

51-2705 ↑ 51-2706 L or R →

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
2.19	21X15	51-2705		.080
2.19	21X15	51-2706		.080

E5 - SERIES

E5-1a
EXIT →

FOR USE AT "NO NUMBERED" EXITS

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
30.00	72X60	51-6150	2	.125

E5-1a
EXIT 00 ↖ 51-6125
EXIT 00 ↗ 51-6124

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
32.50	78X60		2	.125

E5-1a
EXIT 00 B ↖ 51-6127
EXIT 00 B ↗ 51-6126

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
45.00	108X60		2	.125

E5-1a
EXIT 00 A-B ↖ 51-6129
EXIT 00 A-B ↗ 51-6128

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
57.50	138X60		2	.125

I - SERIES

I-3
(Variable) River

VARIABLE: RIVER, BROOK, CREEK

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
1.50	18X12	51-2009	1	.080
4.50	36X18	51-2007	2	.080
12.00	48X36	51-2051	2	.100

(Town Name)
(INCORPORATED) OR SETTLED (DATE)
TOWN LINE

VARIABLE: TOWN / CITY

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	40X27	51-2020	2	.080

I-7

LEGEND - BLACK
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-1448	1	.080
6.25	30X30	51-1445	1	.080

PARKING AREA PATROLLED

LEGEND - BLACK
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
7.50	36X30	51-5937	2	.080

INCIDENT MANAGEMENT

N 0 .0 | N 0 0 .0 | N 0 0 0 .0

CARDINAL DIRECTION VARIABLE - N, S, E, W

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	12X36	51-5103	1	.080
4.00	12X48	51-5104	1	.080
5.00	12X60	51-5105	1	.080

SYMBOL - WHITE
BACKGROUND - BLUE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.00	18X24	51-5943	1	.080

51-6504 Variable
51-6505 Variable Variable

TO BE SUBMOUNTED W/ 51-5943
LEGEND - WHITE
BACKGROUND - BLUE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
0.75	18X6	51-6504		.080
1.50	18X12	51-6505		.080

M1 - SERIES

M1-1
INTERSTATE CONNECTICUT 00 — 51-6662, 51-6666, VARIABLE: 1 or 2 DIGITS
INTERSTATE CONNECTICUT 000 — 51-6663, 51-6667, VARIABLE: 3 DIGITS

LEGEND - WHITE
BACKGROUND - RED & BLUE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
3.20	24X24	51-6662	1	.080
3.99	30X24	51-6663	1	.080
7.20	36X36	51-6666	2	.080
8.99	45X36	51-6667	2	.100

M1-4
00 — 51-6615, 51-6635, VARIABLE: 1 or 2 DIGITS
000 — 51-6644, 51-6645, VARIABLE: 3 DIGITS

LEGEND - BLACK
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-6615	1	.080
5.00	30X24	51-6644	1	.080
9.00	36X36	51-6635	2	.080
11.25	45X36	51-6645	2	.100

M1-5
00 — 51-6616, 51-6636, VARIABLE: 1 or 2 DIGITS
000 — 51-6647, 51-6646, VARIABLE: 3 DIGITS

LEGEND - BLACK
BACKGROUND - WHITE

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	POSTS	ALUM. THK.
4.00	24X24	51-6616	1	.080
5.00	30X24	51-6647	1	.080
9.00	36X36	51-6636	2	.080
11.25	45X36	51-6646	2	.100

M2 - SERIES

M2-1
JCT

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-6640	(1)	.080
2.19	21X15	51-6610	(2)	.080

M3 - SERIES

M3-1
NORTH

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.00	24X12	51-6651	(1)	.080
2.00	24X12	51-6611	(2)	.080
4.50	36X18	51-6655	(1)	.080
4.50	36X18	51-6625	(2)	.080

M3-4
WEST

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.00	24X12	51-6654	(1)	.080
2.00	24X12	51-6614	(2)	.080
4.50	36X18	51-6658	(1)	.080
4.50	36X18	51-6628	(2)	.080

M3-2
EAST

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.00	24X12	51-6652	(1)	.080
2.00	24X12	51-6612	(2)	.080
4.50	36X18	51-6656	(1)	.080
4.50	36X18	51-6626	(2)	.080

M3-3
SOUTH

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.00	24X12	51-6653	(1)	.080
2.00	24X12	51-6613	(2)	.080
4.50	36X18	51-6657	(1)	.080
4.50	36X18	51-6627	(2)	.080

M4 - SERIES

M4-5
TO

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.00	24X12	51-6650	(1)	.080
2.00	24X12	51-6620	(2)	.080

M5 - SERIES

M5-1
51-2690 51-2630 ← 51-2691 51-2631 →

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2690	(1)	.080
2.19	21X15	51-2691	(1)	.080
2.19	21X15	51-2630	(2)	.080
2.19	21X15	51-2631	(2)	.080

M5-2
51-2692 51-2632 ↖ 51-2693 51-2633 ↗

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2692	(1)	.080
2.19	21X15	51-2693	(1)	.080
2.19	21X15	51-2632	(2)	.080
2.19	21X15	51-2633	(2)	.080

M6 - SERIES

M6-1
L or R →

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2686	(1)	.080
2.19	21X15	51-2626	(2)	.080

M6-4
↔

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2687	(1)	.080
2.19	21X15	51-2627	(2)	.080

M6-2
51-2688 51-2629 ↖ 51-2689 51-2628 51-2609 ↗

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2688	(1)	.080
2.19	21X15	51-2689	(1)	.080
2.19	21X15	51-2628	(2)	.080
2.19	21X15	51-2629	(2)	.080
4.38	30X21	51-2609	(2)	.080

M6-3
↑

AREA (SQ. FT)	SIZE (INCHES)	CONN. D.O.T. #	COLOR	ALUM. THK.
2.19	21X15	51-2685	(1)	.080
2.19	21X15	51-2625	(2)	.080

NOTES:

1. FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING. FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS". SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED, MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
2. POSTS - SEE STANDARD SHEET TR-1208_02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."
3. POSTS SHALL BE 4 LBS./FT.
4. SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM. SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED.

COLORS:

D - SERIES
D1, 2, 3, 4, 10 BACKGROUND-GREEN, LEGEND-WHITE
D7, RS BACKGROUND-BROWN, LEGEND-WHITE
D9 BACKGROUND-BLUE, LEGEND-WHITE
ALL OTHER D-SERIES AS NOTED

E - SERIES
BACKGROUND-GREEN, LEGEND-WHITE

I - SERIES
BACKGROUND-GREEN, LEGEND-WHITE (EXCEPT AS NOTED)

M2 - M6 SERIES
(1) BACKGROUND-BLUE, LEGEND-WHITE
(2) BACKGROUND-WHITE, LEGEND-BLACK

ALL SIGNS TO USE TYPE XI RETROREFLECTIVE SHEETING WITH THE EXCEPTION OF SIDE MOUNTED SIGNS WITH WHITE BACKGROUND WHICH SHALL BE TYPE IX RETROREFLECTIVE SHEETING.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
4	10-2021	REVISED SHEETING TYPE	TR-GS_04
3	12-2018	REVISED D2, D3, D9, AND I SIGN SERIES.	TR-GS_03
2	7-2018	REVISED BROWN COLOR TO TYPE IV.	TR-GS_03
1	6-2018	NEW SHEET ISSUED	TR-GS_03

Plotted Date: 10/14/2021

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.

DESIGNER/DRAFTER: A. MERMELSTEIN
CHECKED BY: B. SCHILLING

NOT TO SCALE

STATE OF CONNECTICUT
DEPARTMENT OF TRANSPORTATION

Filename: ...\CTDOT_TRAFFIC_GS.dgn

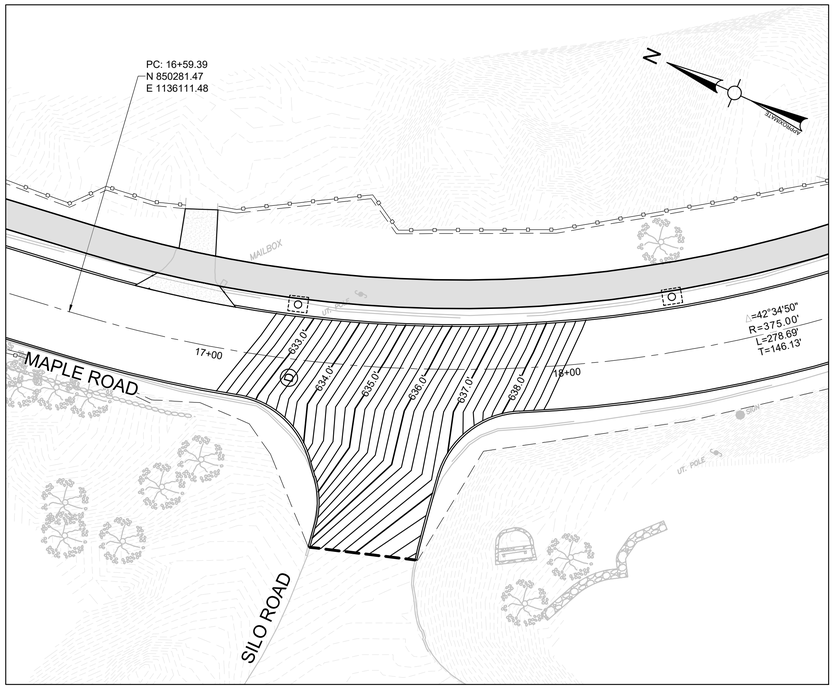
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OFFICE OF ENGINEERING
APPROVED BY: DATE:

PROJECT TITLE:
MAPLE ROAD
COMPLETE STREETS IMPROVEMENTS
ROAD RECONSTRUCTION AND
MULTI-USE PATH

TOWN: MANSFIELD

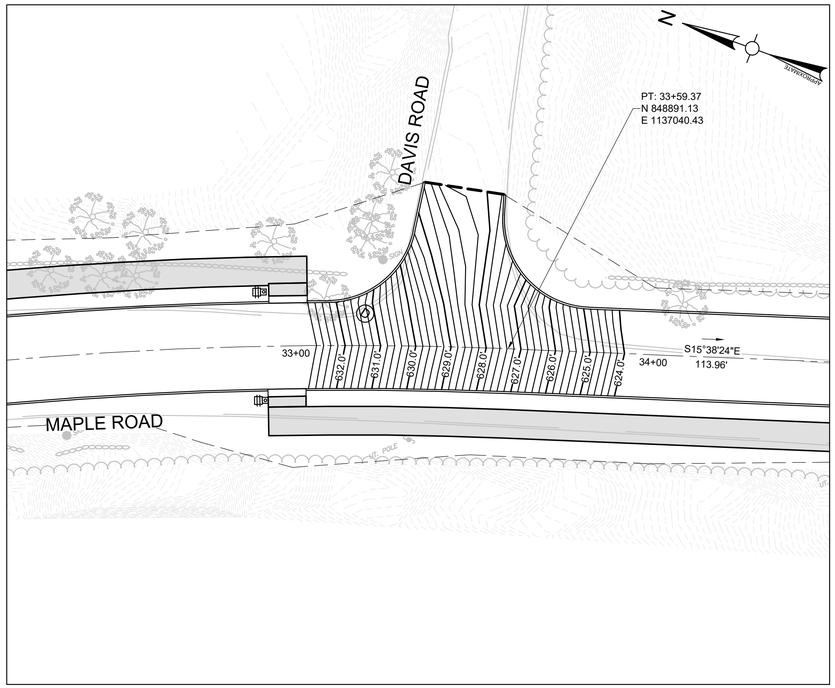
DRAWING TITLE:
SIGN FACE SHEET ALUMINUM (Z)
D,RS,E,I,&M SERIES TYPICAL SIGN DETAILS

PROJECT NO. L077-0002/3
DRAWING NO. TR-GS_03
SHEET NO. DET-12



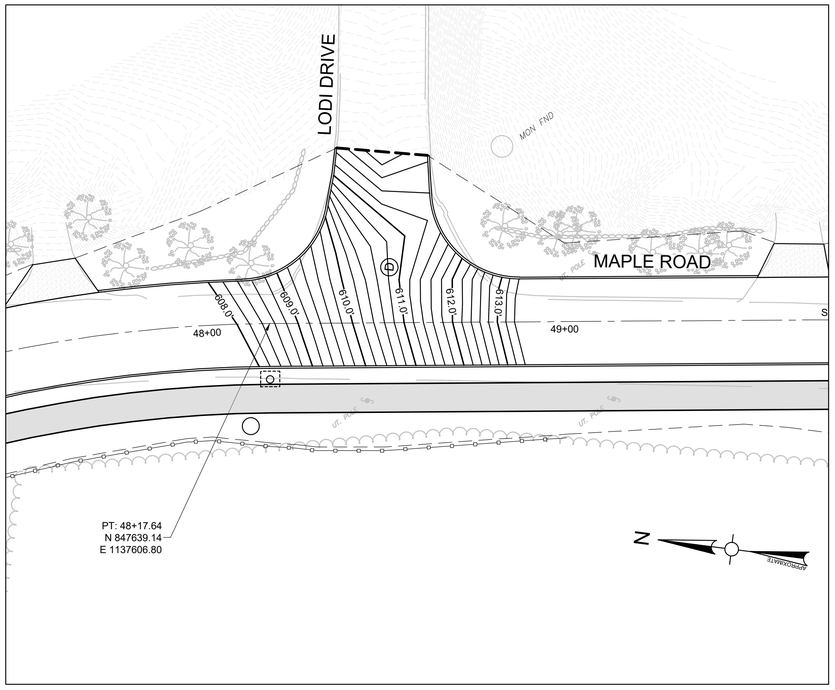
MAPLE ROAD AT SILO ROAD

CONTOUR INTERVAL = 0.2'



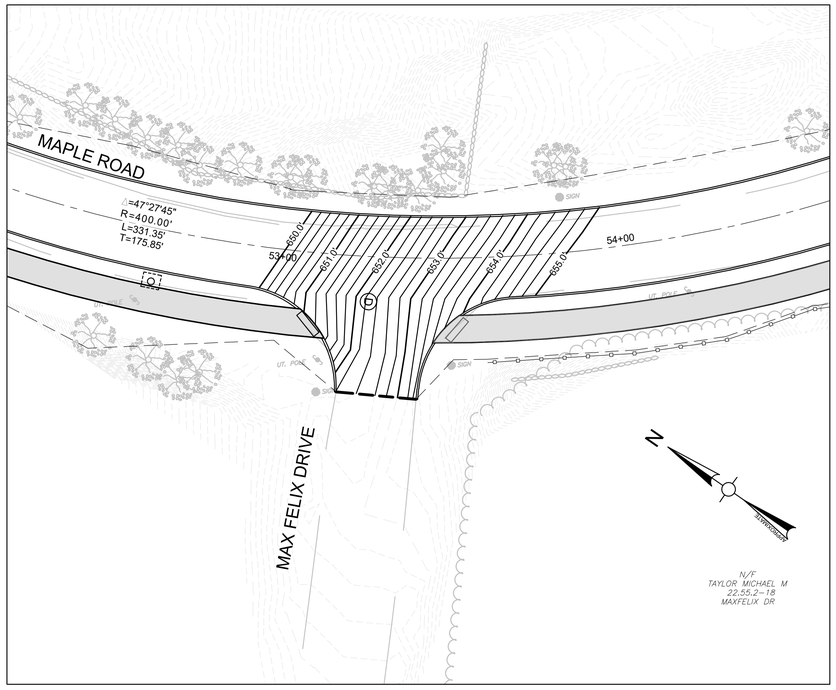
MAPLE ROAD AT DAVIS ROAD

CONTOUR INTERVAL = 0.2'



MAPLE ROAD AT LODI DRIVE

CONTOUR INTERVAL = 0.2'



MAPLE ROAD AT MAX FELIX DRIVE

CONTOUR INTERVAL = 0.2'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

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712 Brook Street, Suite 103
Rocky Hill, CT 06067
978.532.1900 800.SAMPSON
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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

INTERSECTION GRADING PLANS

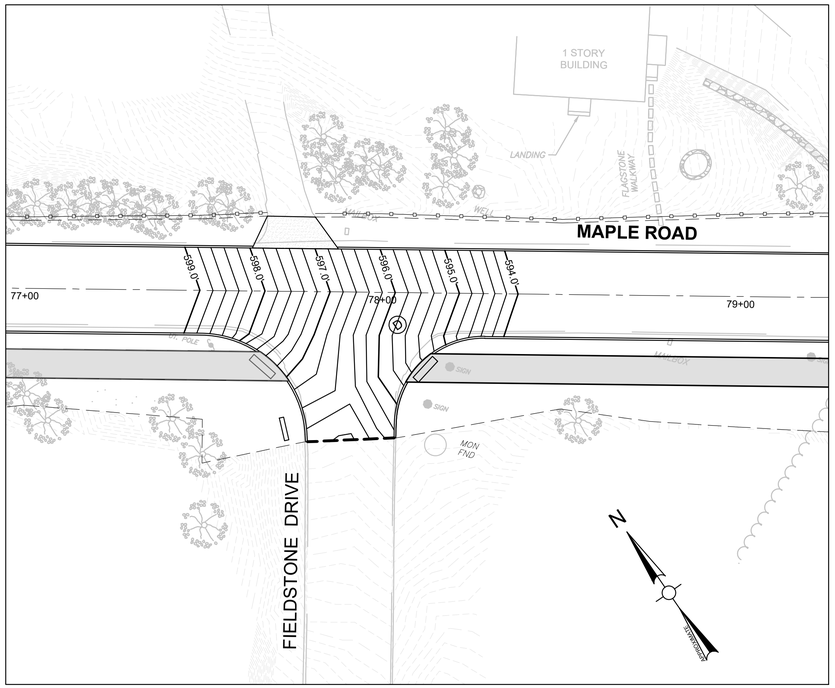
Sheet Number:

IGP-01

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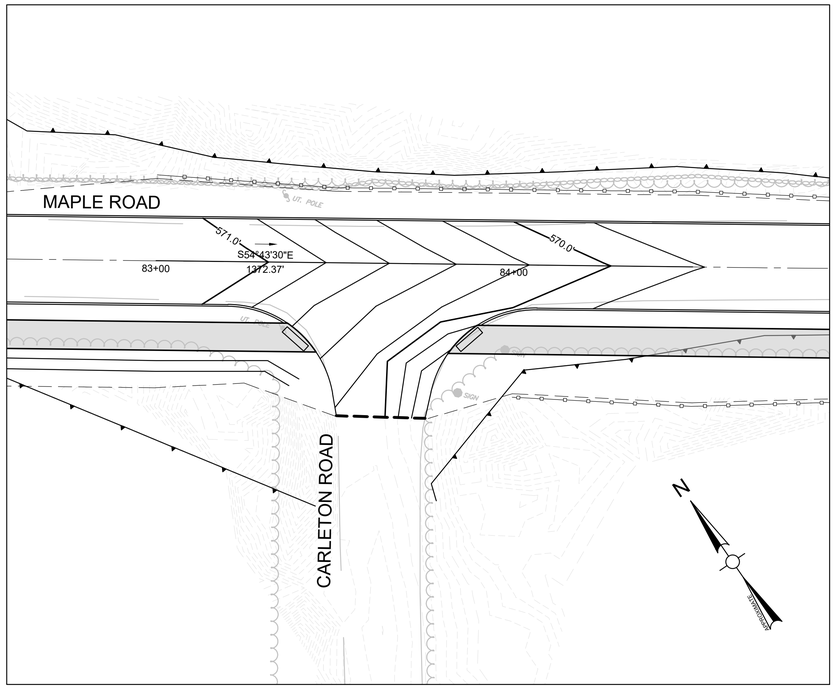
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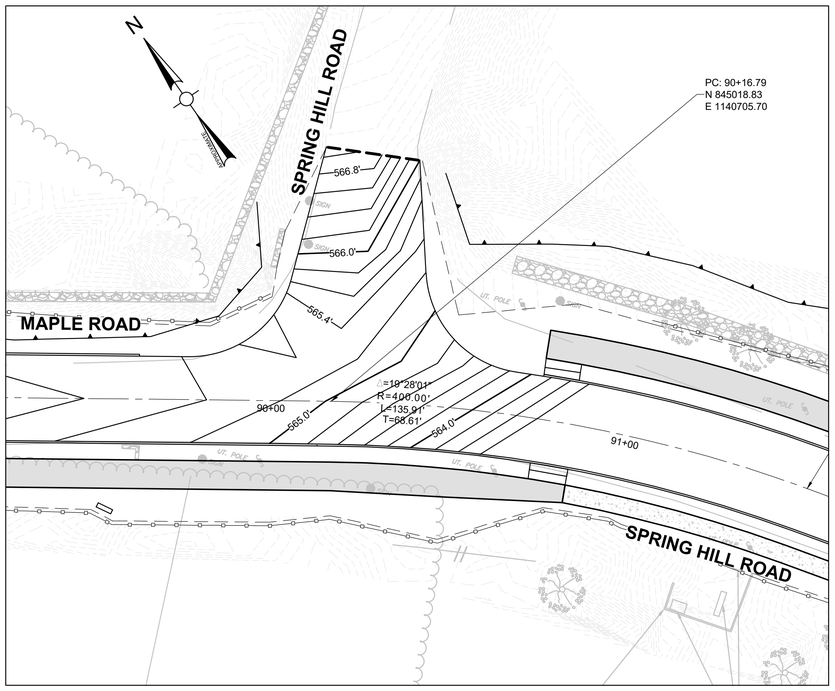
MAPLE ROAD AT FIELDSTONE DRIVE

CONTOUR INTERVAL = 0.2'



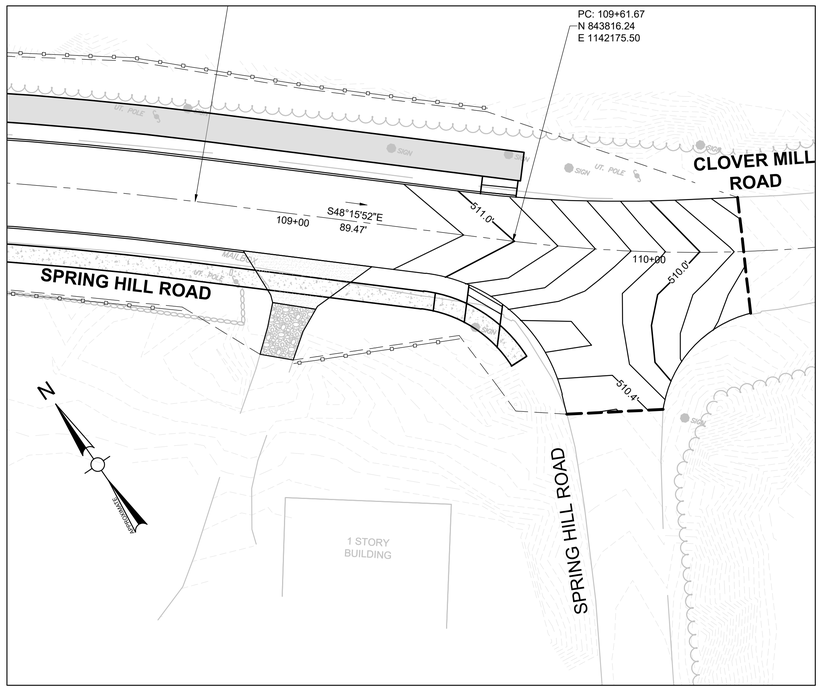
MAPLE ROAD AT CARLETON ROAD

CONTOUR INTERVAL = 0.2'



MAPLE ROAD AT SPRING HILL ROAD

CONTOUR INTERVAL = 0.2'



SPRING HILL ROAD AT CLOVER MILL ROAD

CONTOUR INTERVAL = 0.2'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

INTERSECTION GRADING PLANS

Sheet Number:

IGP-01

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BEGIN PROJECT - MILL & OVERLAY
MAPLE ROAD - MATCH EXISTING
STA 10+63.86
N 850871.6570
E 1136096.1987

SOUTH EAGLEVILLE ROAD IMPROVEMENTS BY OTHERS

MATCH EXISTING MULTI-USE PATH

6" BIT CONC LIP CURB (TYP)

RELOCATE UTILITY POLE SNET 224 (BY OTHERS)

HYDRODYNAMIC SEPARATOR
STA:13+16.40 OFF:-12.02L
RIM:618.22
INV IN:613.85 (W) 18" RCP
INV OUT:613.59 (E) 18" RCP

DETECTABLE WARNING SURFACE (TYP.) (CONCRETE PAID FOR UNDER "CONCRETE SIDEWALK RAMP")

STRAIGHT ENDWALL

17-LF 18" RCP

24-LF 18" RCP

TYPE 'C' CB
STA:14+13.71 OFF:-12.00L
RIM:618.57
INV OUT:615.10 (W) 18" Concrete Pipe

24-LF 18" Concrete Pipe

RELOCATE UTILITY POLE SNET 224 (BY OTHERS)

TYPE 'C' CB
STA:15+21.33 OFF:-12.00L
RIM:621.53
INV OUT:618.00 (W) 12" RCP

24-LF 12" RCP

APPROX. R.O.W

PROPERTY LINE (TYP)

PC: 11+07.06
N 850831.33
E 1136111.93

R170'

PT: 11+83.90
N 850756.70
E 1136127.06

MAPLE ROAD

CONST. ℄

S1°52'40"W
475.49'

MATCHLINE A-A
(SEE SHEET HWY-2)

B-1

S24°48'19"E
107.06'

R158'

SOUTH EAGLEVILLE ROAD

96-LF 18" RCP

CONC SIDEWALK RAMP (TYPE 9)

108-LF 15" RCP

TYPE 'C' CB DOUBLE GRATE- TYPE II
STA:13+17.85 OFF:11.98R
RIM:617.72
INV IN:614.25 (S) 18" RCP
INV IN:614.23 (W) 12" EX. RCP
INV OUT:614.10 (E) 18" RCP

CONVERT CB TO MH
STA:13+17.99 OFF:16.58R
RIM:618.28
INV IN:614.25 (N) 12" EX. RCP
INV OUT:614.25 (E) 12" EX. RCP

TYPE 'C' CB
STA:14+13.72 OFF:12.00R
RIM:618.57
INV IN:615.10 (S) 15" RCP
INV IN:614.90 (E) 18" Concrete Pipe
INV OUT:614.75 (N) 18" RCP

TYPE 'C' CB
STA:15+21.34 OFF:12.00R
RIM:621.53
INV IN:617.50 (E) 12" RCP
INV IN:617.25 (S) 12" RCP
INV OUT:616.80 (N) 15" RCP

EXISTING PIPE TO REMAIN

MONOLITHIC CONCRETE CURB AND SIDEWALK (TYP) (SEE SHEET DET-02)

CONC SIDEWALK RAMP (TYPE 9)

FULL DEPTH RECONSTRUCTION (SEE SHEET TYP-01)

REMOVE EXISTING BITUMINOUS PAVEMENT AND LIP CURBING OUTSIDE OF PROPOSED EDGE OF PAVEMENT (PAID FOR UNDER EARTH EXCAVATION)

6" BIT CONC LIP CURB (TYP)

SEDIMENTATION CONTROL SYSTEM (TYP)

APPROX. SLOPE LIMITS (TYP)

CUT BIT. CONC. PAVEMENT/ MATCH EXISTING

PLAN
SCALE: 1"=20'
0 20' 40' 60'

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE MONOLITHIC CONCRETE AND SIDEWALK

Project:
TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson
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W&S Project No.:	ENG24-1262
W&S File No.:	

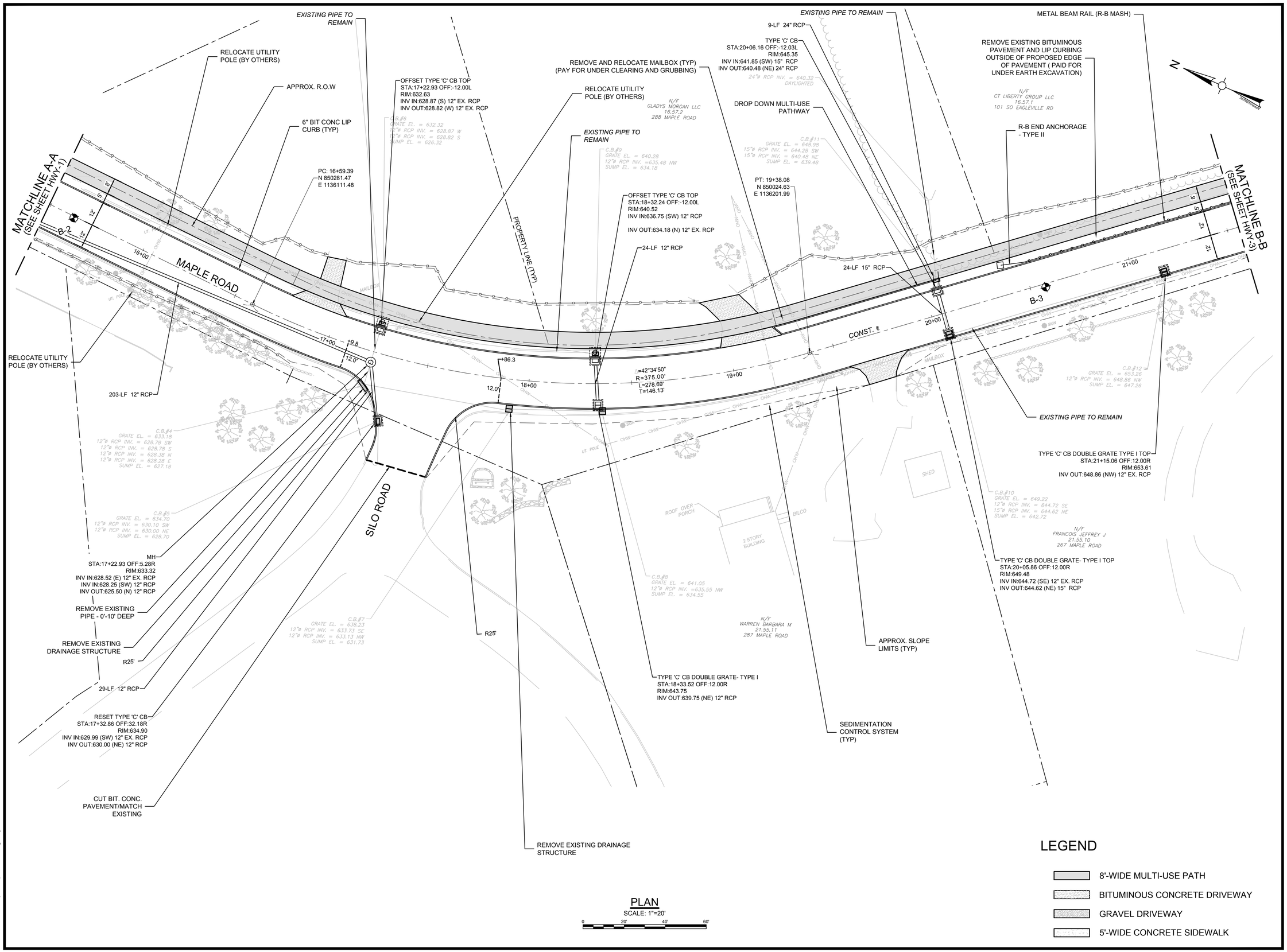
Drawing Title:
ROADWAY PLANS

Sheet Number:
HWY-01

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LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

PLAN

SCALE: 1"=20'

0 20' 40' 60'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
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W&S File No.:	

Drawing Title:

ROADWAY PLANS

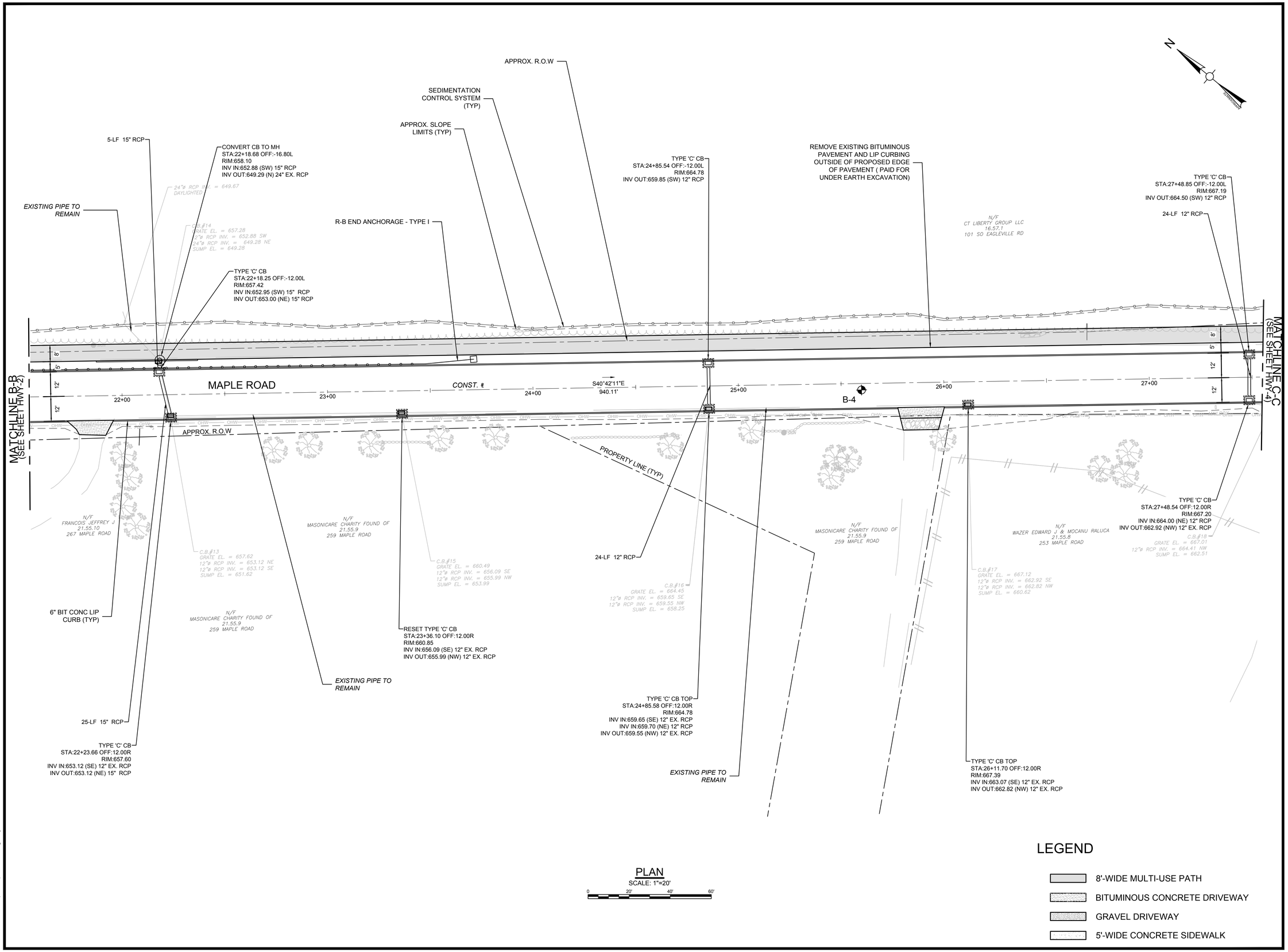
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HWY-02

Rev: 1.8 Date: 04/10/2019

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PLAN
SCALE: 1"=20'
0 20' 40' 60'

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
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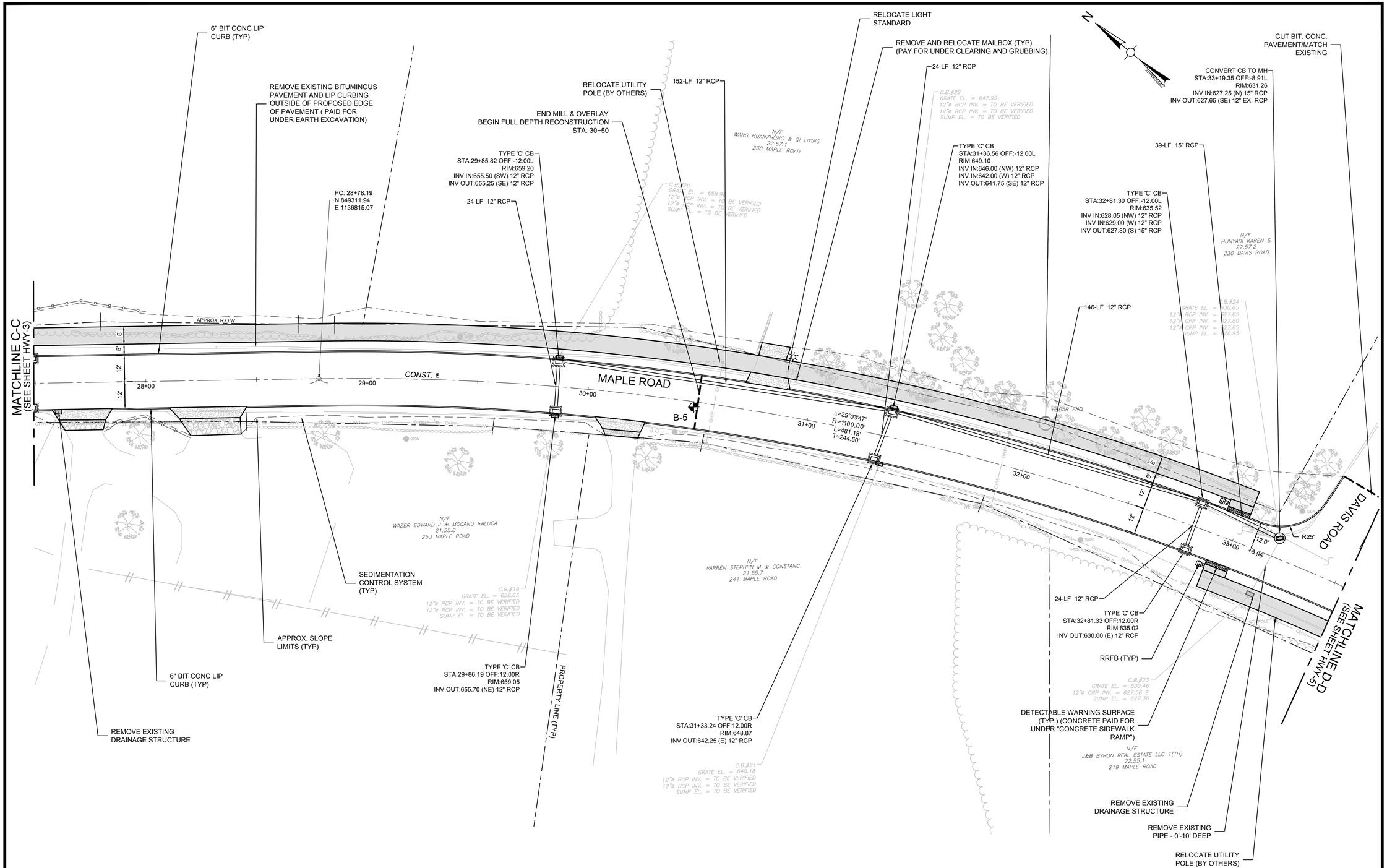
ROADWAY PLANS

Sheet Number:

HWY-03

Rev: 1.8 Date: 04/10/2019

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PLAN

SCALE: 1"=20'

0 20' 40' 60'

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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W&S File No.:	

Drawing Title:

ROADWAY PLANS

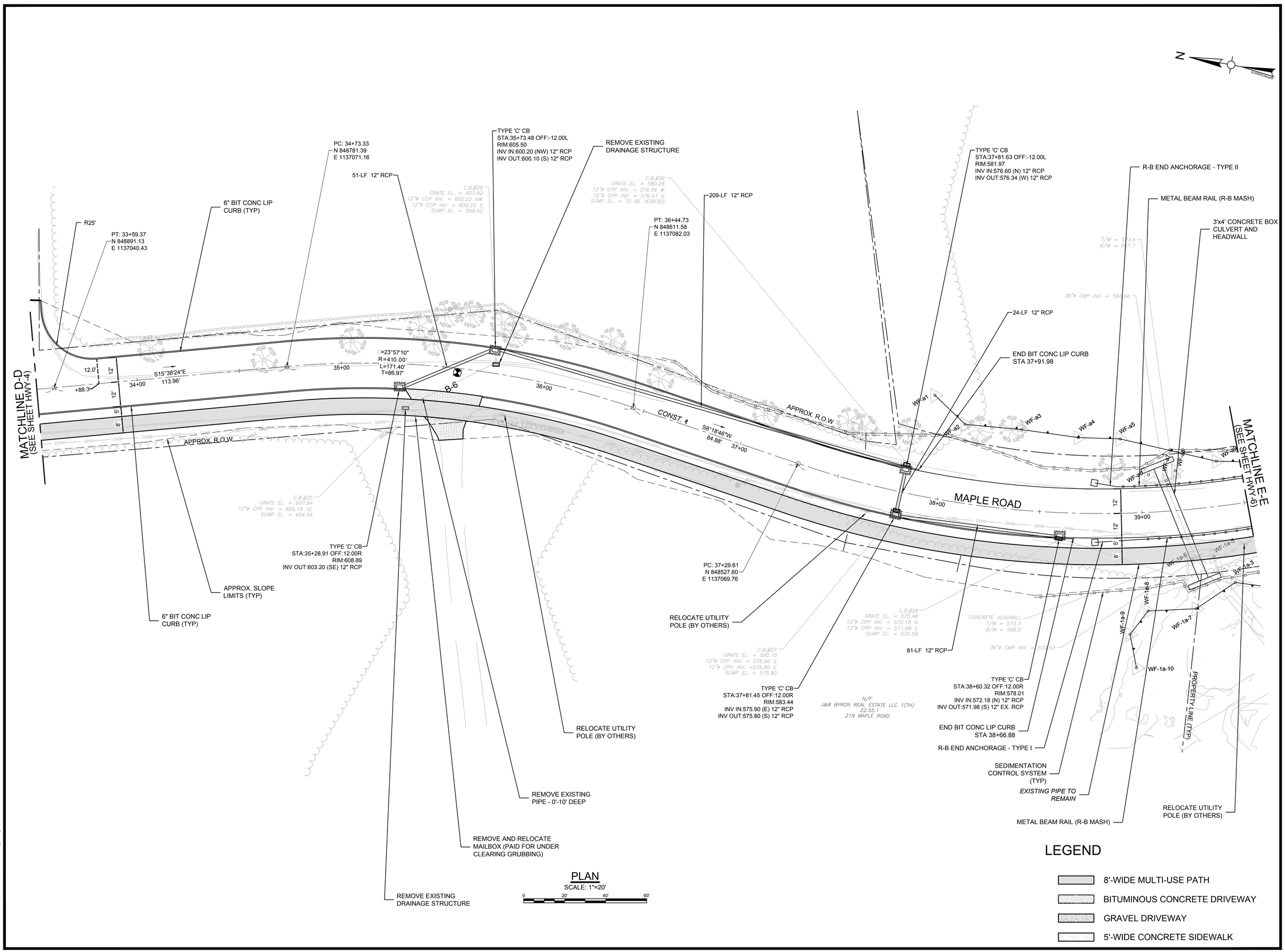
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HWY-04

Rev: 1.8 Date: 04/10/2019

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TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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Drawing Title:

ROADWAY PLANS

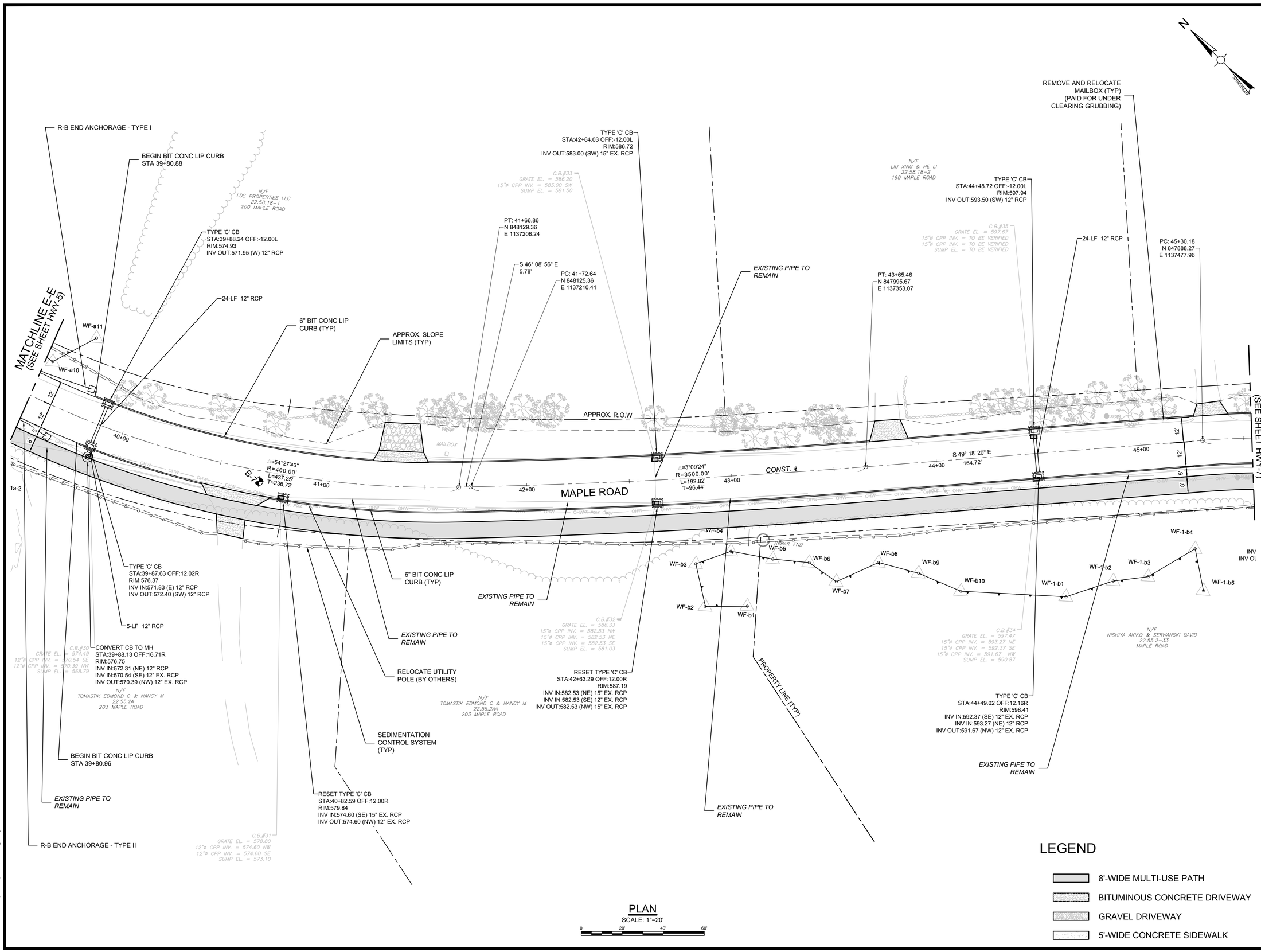
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PLAN

SCALE: 1"=20'

0 20' 40' 60'

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

ROADWAY PLANS

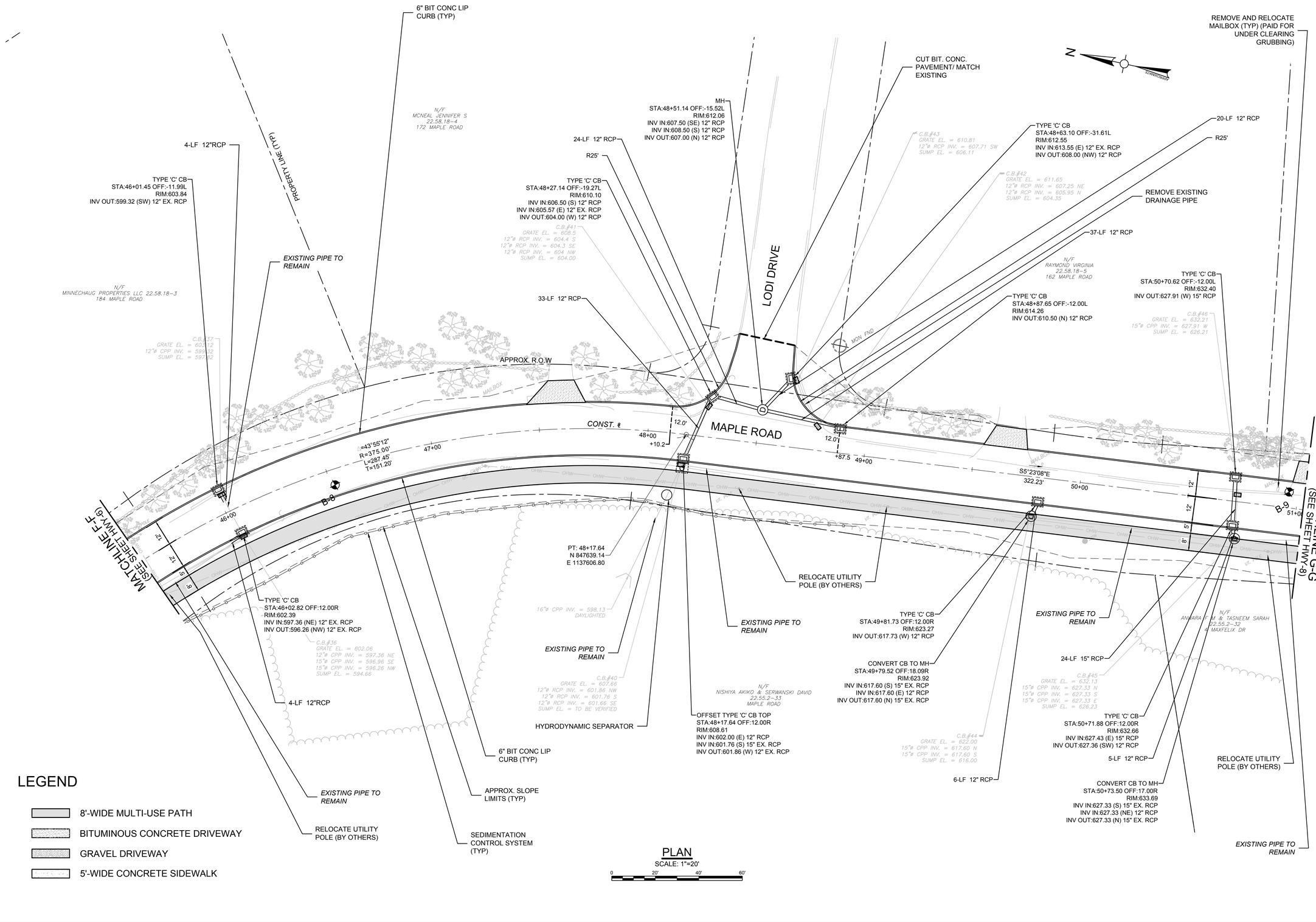
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LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

PLAN

SCALE: 1"=20'

0 20' 40' 60'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

Weston & Sampson Engineers, Inc.
712 Brook Street, Suite 103
Rocky Hill, CT 06067
978.532.1900 800.SAMPSON
www.westonandsampson.com

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W&S File No.:	

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ROADWAY PLANS

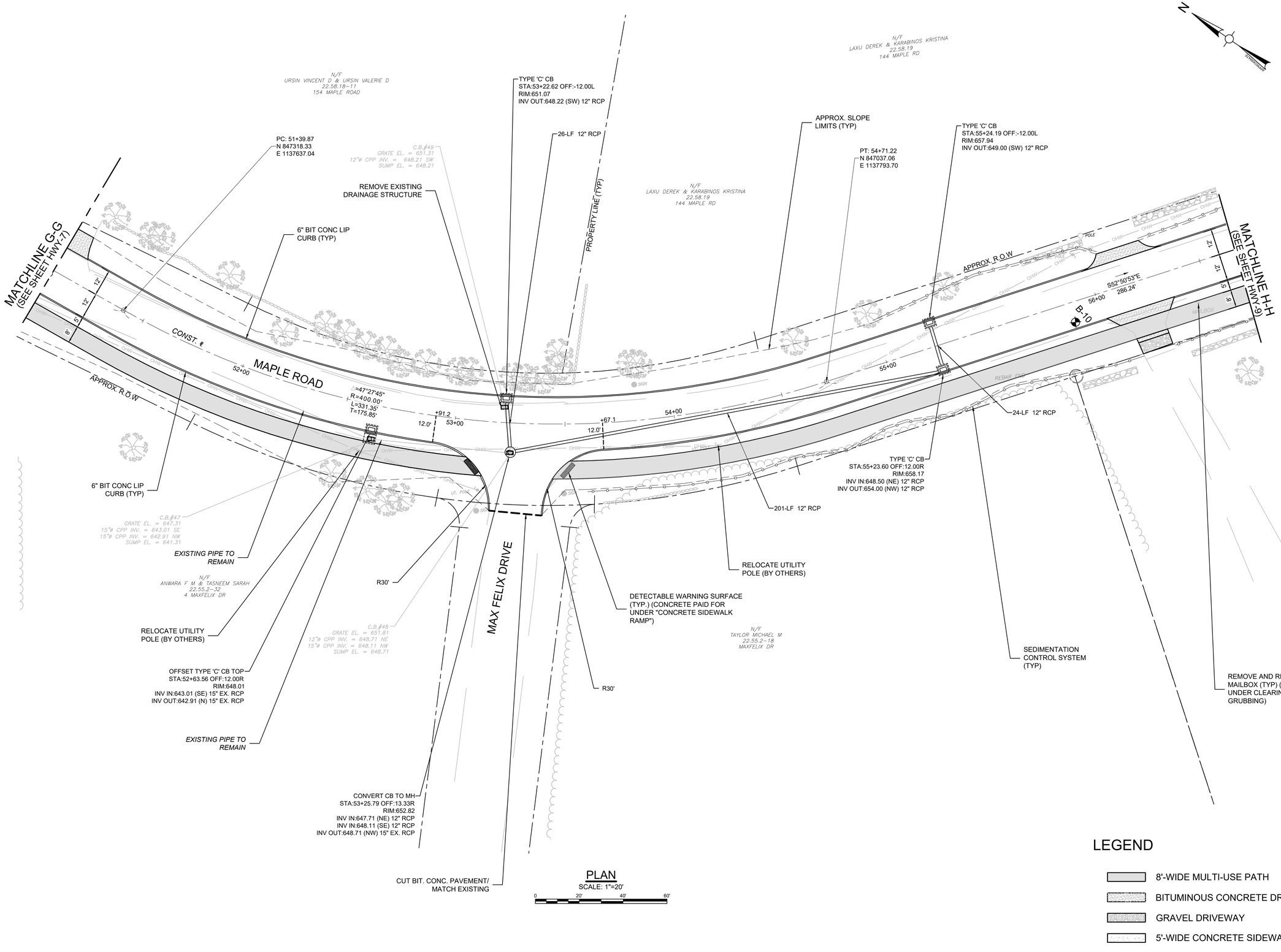
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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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W&S File No.:	

Drawing Title:

ROADWAY PLANS

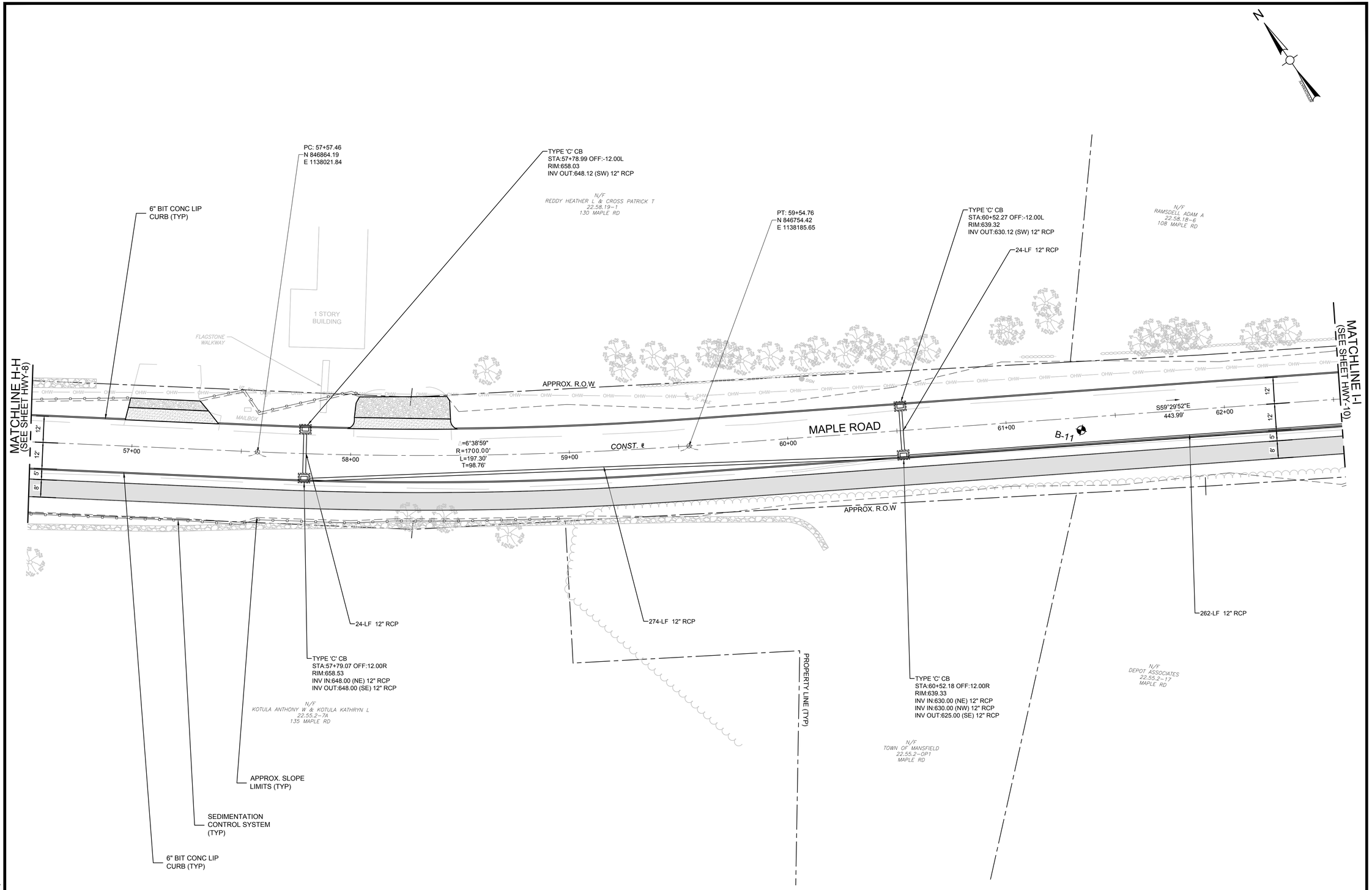
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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W&S File No.:	

Drawing Title:

ROADWAY PLANS

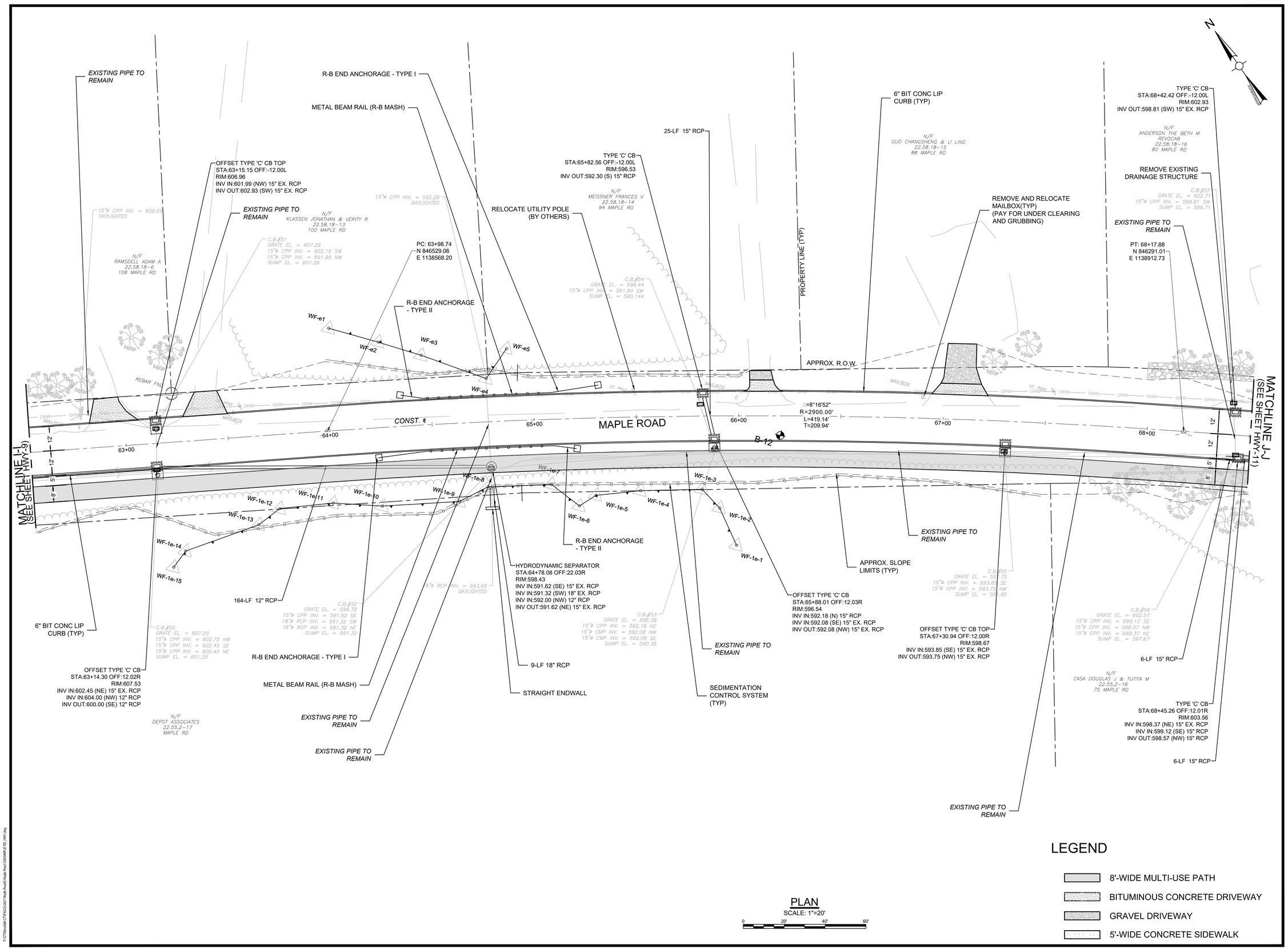
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

Project:
TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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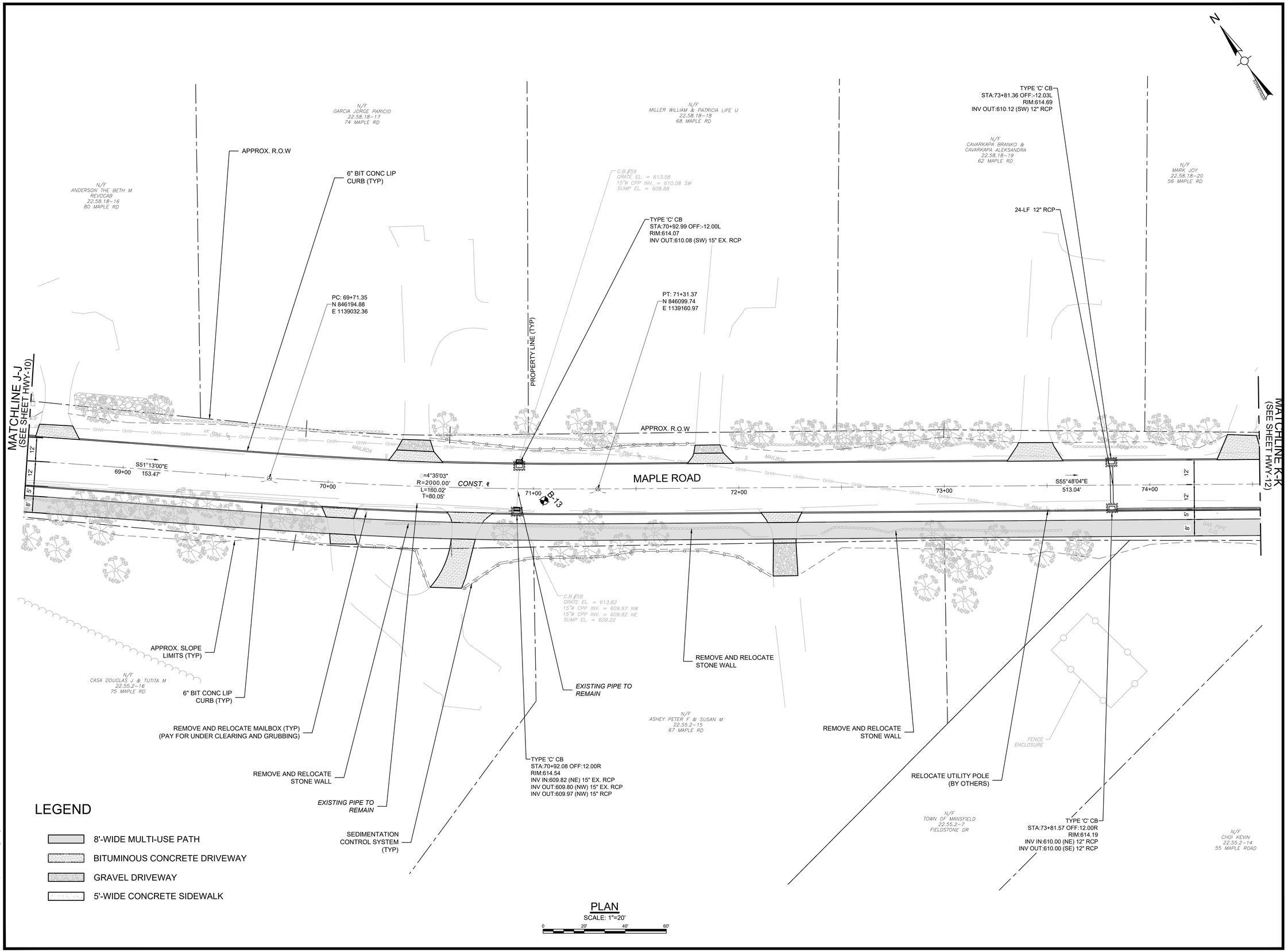
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LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

PLAN

SCALE: 1"=20'

0 20' 40' 60'

P:\CT\Mansfield\CTENG22\827 Maple Road\CAD\MAPLE RD_HWY.dwg

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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W&S File No.:	

Drawing Title:

ROADWAY PLANS

Sheet Number:

HWY-11

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MATCHLINE K-K
(SEE SHEET HWY-11)

MATCHLINE L-L
(SEE SHEET HWY-13)

MAPLE ROAD

N/F
MARK JOY
22.58.18-20
56 MAPLE RD

N/F
NANNINI MICHAEL R & CARISSA L
22.58.18-21
52 MAPLE RD

N/F
48 MAPLE ROAD LLC
22.58.17
48 MAPLE RD

N/F
NEUMANN ERIC L
22.58.16
42 MAPLE RD

N/F
CHOI KEVIN
22.55.2-14
55 MAPLE ROAD

N/F
DUTTA NILOY K
22.55.2-13
14 FIELDSTONE DR

N/F
SALVADOR-RENDON PABLO &
SALVADOR-VIVEROS JUAN PABLO
22.55.2-1
7 FIELDSTONE DR

SEDIMENTATION CONTROL SYSTEM (TYP)

PROPERTY LINE (TYP)

PI: 76+44.41
N 845811.38
E 1139585.31

TYPE 'C' CB
STA:76+46.10 OFF:-12.00L
RIM:604.90
INV OUT:600.12 (SW) 12" RCP

6" BIT CONC LIP CURB (TYP)

APPROX. SLOPE LIMITS (TYP)

TYPE 'C' CB
STA:79+26.49 OFF:-12.00L
RIM:587.45
INV OUT:583.00 (S) 12" RCP

26-LF 12" RCP

1 STORY BUILDING

LANDING

FLAGSTONE WALKWAY

MAILBOX

APPROX. R.O.W

75+00 76+00 77+00 78+00 79+00 80+00

+49.3 CONST. ℄ +28.6

12.0' 12.0'

12' 12' 5' 8'

133-LF 18" RCP

RELOCATE UTILITY POLE (BY OTHERS)

221-LF 18" RCP

158-LF 12" RCP

18"ø RCP INV. = 599.00 DAYLIGHTED

R30'

R25'

BEGIN CONC CURB - 9" REVEAL
STA 79+50

C.B.#60
GRATE EL. = 596.58
18"ø RCP INV. = 591.98 NW
18"ø RCP INV. = 590.83 SE
6"ø CPP INV. = 589.73 SW
SUMP EL. = 579.68

C.B.#62
GRATE EL. = 586.12
18"ø RCP INV. = 581.12 NW
18"ø RCP INV. = 580.22 SE
SUMP EL. = 578.22

264-LF 12" RCP

24-LF 12" RCP

REMOVE AND RELOCATE MAILBOX (TYP)
(PAY FOR UNDER CLEARING AND GRUBBING)

DETECTABLE WARNING SURFACE (TYP.) (CONCRETE PAID FOR UNDER "CONCRETE SIDEWALK RAMP")

REMOVE EXISTING DRAINAGE STRUCTURE

CONCRETE HEADWALL

6-LF 18" RCP

TYPE 'C' DOUBLE CB TYPE II
STA:77+78.91 OFF:36.98R
RIM:597.38
INV IN:594.00 (W) 18" RCP
INV OUT:593.50 (SE) 18" RCP

25-LF 18" RCP

FIELDSTONE DRIVE

MON FND

MH
STA:78+04.26 OFF:9.00R
RIM:595.78
INV IN:590.00 (SW) 18" RCP
INV IN:592.00 (NW) 12" RCP
INV OUT:586.46 (SE) 18" RCP

REMOVE EXISTING DRAINAGE STRUCTURE

TYPE 'C' CB
STA:79+37.62 OFF:12.00R
RIM:586.31
INV IN:581.12 (NW) 18" RCP
INV IN:582.87 (N) 12" RCP
INV OUT:580.22 (SE) 18" RCP

C.B.#61
GRATE EL. = 595.54
6"ø CPP INV. = 592.04 SW
18"ø RCP INV. = 589.89 NW
18"ø RCP INV. = 589.69 SE
SUMP EL. = 588.04

28-LF 18" RCP

TYPE 'C' CB
STA:78+03.64 OFF:37.17R
RIM:596.30
INV IN:593.38 (NW) 18" RCP
INV OUT:590.14 (NE) 18" RCP

TYPE 'C' CB
STA:76+46.02 OFF:12.00R
RIM:604.92
INV IN:600.00 (NW) 12" RCP
INV IN:600.00 (NE) 12" RCP
INV OUT:598.33 (SE) 12" RCP

CUT BIT. CONC. PAVEMENT/MATCH EXISTING

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

PLAN

SCALE: 1"=20'

0 20' 40' 60'

P:\CT\Mans\446\CTENG\2\ADD\Maple Road\Maple Road CAD\MAPLE RD_HWY.dwg

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

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Rocky Hill, CT 06067
978.532.1900 800.SAMPSON
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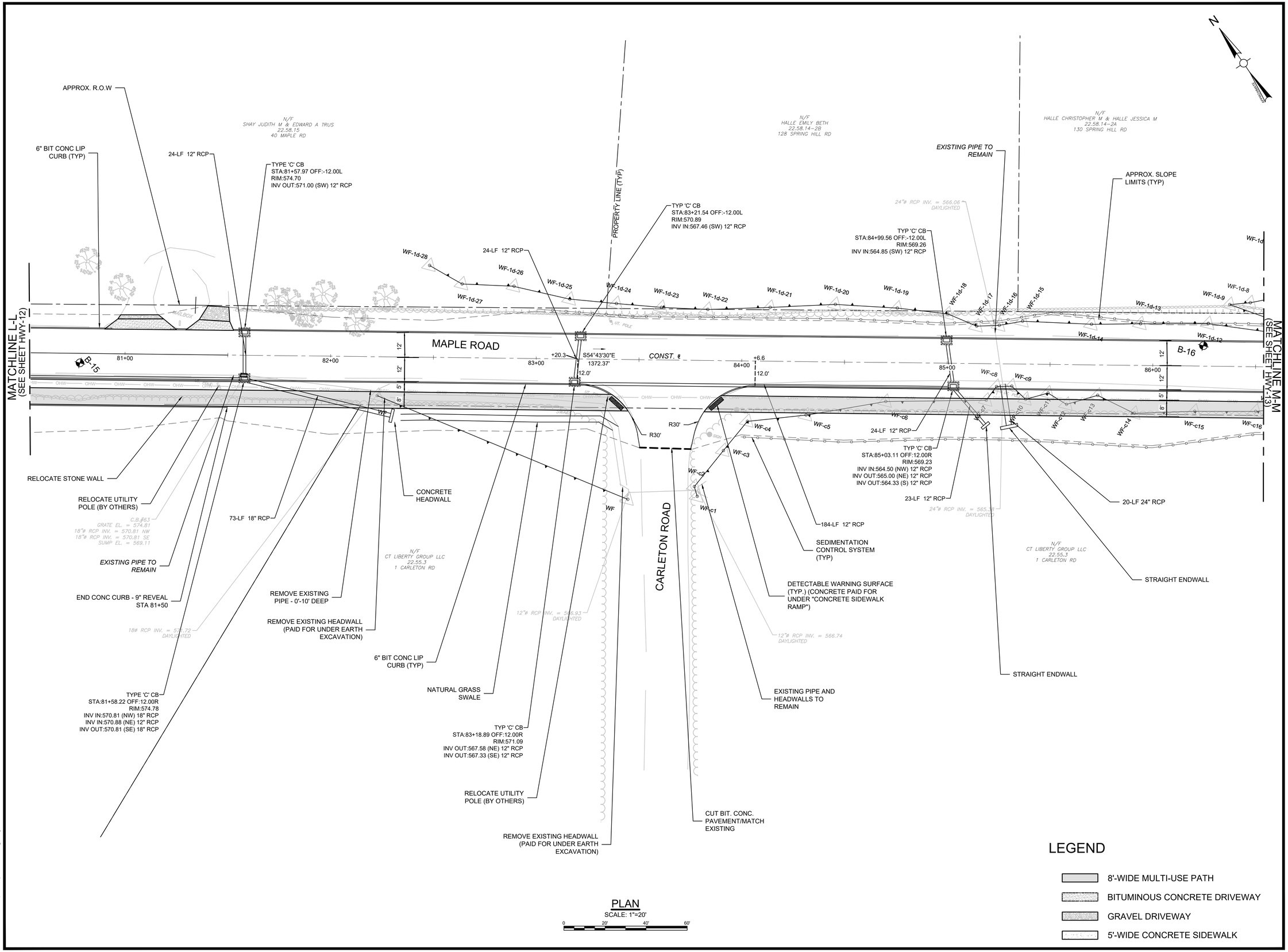
ROADWAY PLANS

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HWY-12

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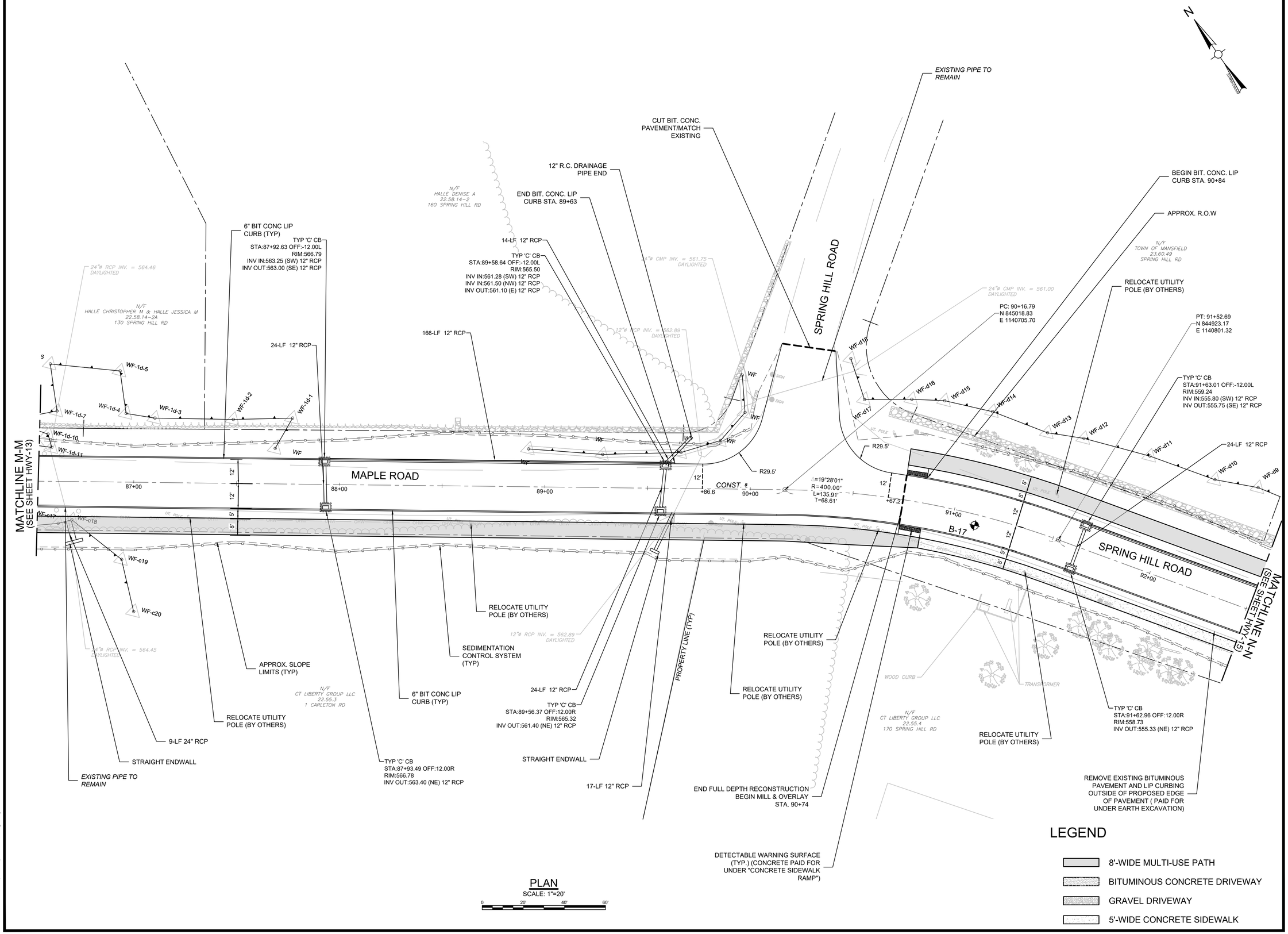
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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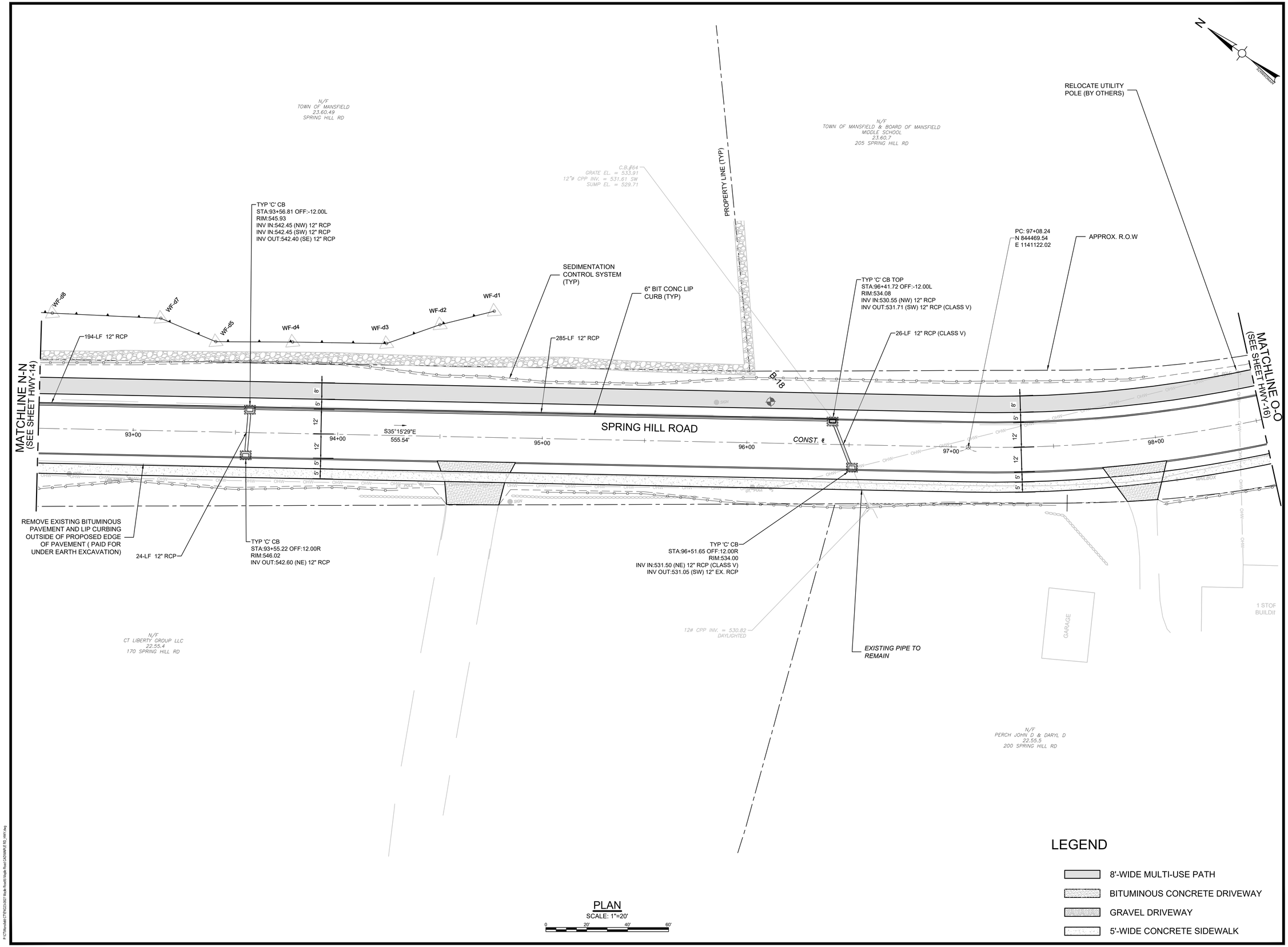
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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Drawing Title:

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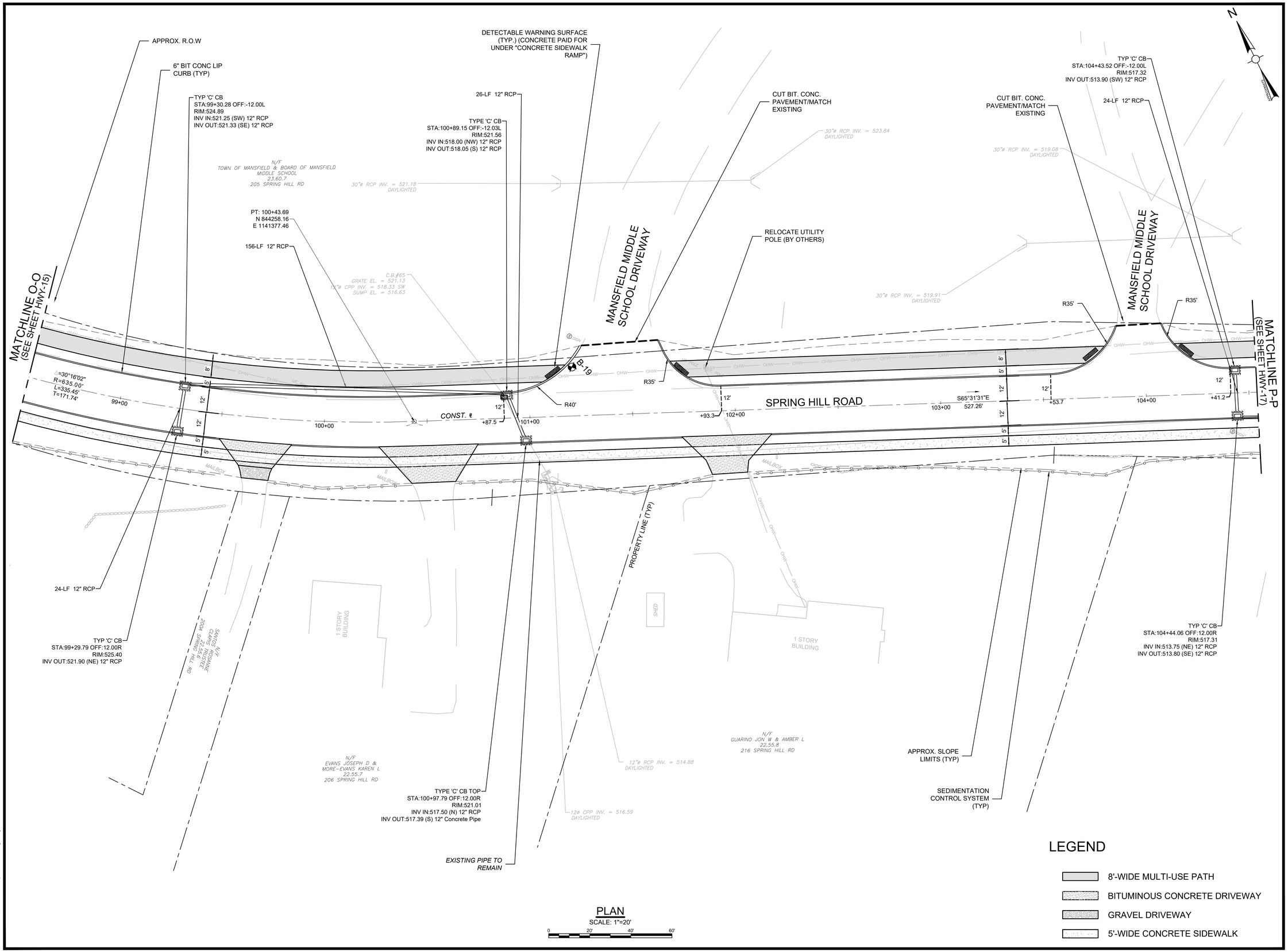
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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W&S File No.:	

Drawing Title:

ROADWAY PLANS

Sheet Number:

HWY-16

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6" BIT CONC LIP CURB (TYP)

SEDIMENTATION CONTROL SYSTEM (TYP)

APPROX. SLOPE LIMITS (TYP)

N/F
TOWN OF MANSFIELD & BOARD OF MANSFIELD
MIDDLE SCHOOL
23,60,7
205 SPRING HILL RD

PC: 105+70.95
N 844039.72
E 1141857.34

APPROX. R.O.W

TYP 'C' CB
STA:106+55.06 OFF:-12.00L
RIM:515.29
INV OUT:512.05 (SW) 12" RCP

24-LF 12" RCP

RELOCATE UTILITY POLE (BY OTHERS)

PROPERTY LINE (TYP)

RELOCATE UTILITY POLE (BY OTHERS)

PT: 108+72.20
N 843875.80
E 1142108.74

END PROJECT - MILL & OVERLAY
SPRING HILL ROAD - MATCH EXISTING
STA 110+26.27
N 843777.2174
E1142226.8977

N

TYPE 'C' CB
STA:109+28.44 OFF:-12.00L
RIM:511.21
INV OUT:507.95 (SW) 12" RCP

24-LF 12" RCP

PC: 109+61.67
N 843816.24
E 1142175.50

MATCHLINE P-P
(SEE SHEET HWY-16)

SPRING HILL ROAD

105+00 106+00 107+00 108+00 109+00 110+00

CONST. ℄

△=17°15'39"
R=1000.00'
L=301.26'
T=151.78'

S48°15'52"E
89.47'

38.6'

12.0'

△=26°01'47"
R=408.75'
L=185.69'
T=94.48'

R45'

R32.5'

CLOVERMILL ROAD

8' 5' 12' 12' 5' 5' 8' 5' 12' 12' 5' 5'

211-LF 12" RCP

269-LF 12" RCP

1 STORY BUILDING

N/F
HAWKINS ALAN R & PAULETTE R
22,55,10
242 SPRING HILL RD

TYP 'C' CB
STA:106+56.16 OFF:12.00R
RIM:514.78
INV IN:511.60 (NW) 12" RCP
INV IN:511.90 (NE) 12" RCP
INV OUT:511.25 (SE) 12" RCP

C.B.#66
GRATE EL. = 510.97
12"ø CPP INV. = 508.17 NE
SUMP EL. = 507.17

C.B.#68
GRATE EL. = 510.24
12"ø CPP INV. = 506.24 NW
12"ø CPP INV. = 506.04 NE
SUMP EL. = 504.74

1 STORY BUILDING

TYP 'C' CB
STA:109+28.32 OFF:12.00R
RIM:511.21
INV IN:507.75 (NW) 12" RCP
INV IN:507.75 (NE) 12" RCP
INV OUT:507.70 (SE) 12" RCP

DETECTABLE WARNING SURFACE (TYP.) (CONCRETE PAID FOR UNDER "CONCRETE SIDEWALK RAMP")

CONC SIDEWALK RAMP (TYPE 12)

C.B.#67
GRATE EL. = 510.47
12"ø PVC INV. = 506.97 SE
24X36" RCP INV. = 506.47 S
SUMP EL. = 504.97

TYPE 'C' CB
STA:109+69.78 OFF:25.15R
RIM:511.31
INV IN:506.95 (NW) 12" RCP
INV OUT:506.90 (SE) 12" RCP

61-LF 12" RCP

SPRING HILL ROAD

CUT BIT. CONC. PAVEMENT/ MATCH EXISTING

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

PLAN
SCALE: 1"=20'
0 20' 40' 60'

P:\CT\Mans\Mult CT\ENG\23\627 Maple Road\5 Maple Road CAD\MAPLE RD_HWY.dwg

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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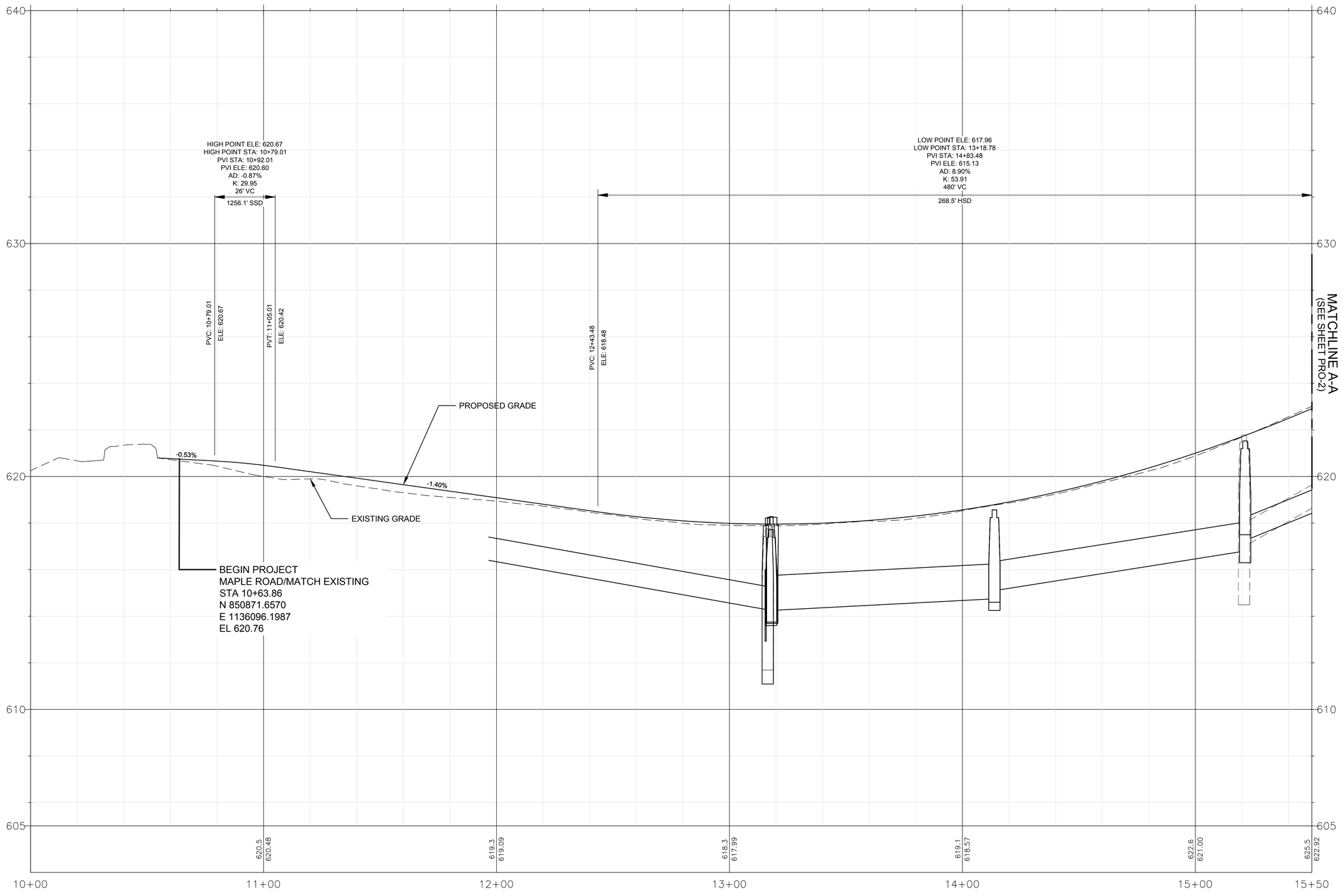
ROADWAY PLANS

Sheet Number:

HWY-17

Rev: 1.6 Date: 04/10/2019

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CENTERLINE ROAD PROFILE

SCALE: 1"=20' HORZ, 1"=2' VERT

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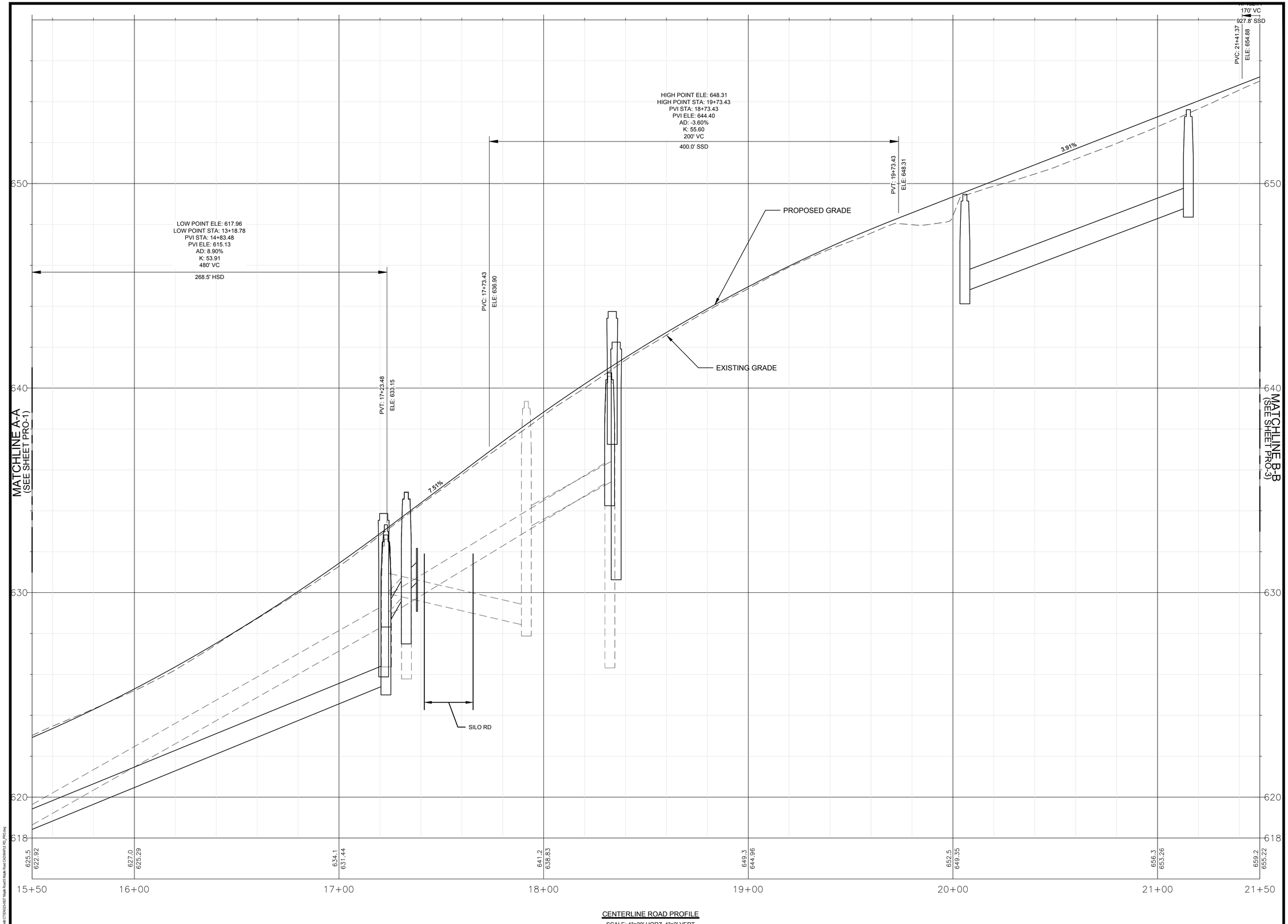
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CENTERLINE ROAD PROFILE

SCALE: 1"=20' HORZ, 1"=2' VERT

Project:

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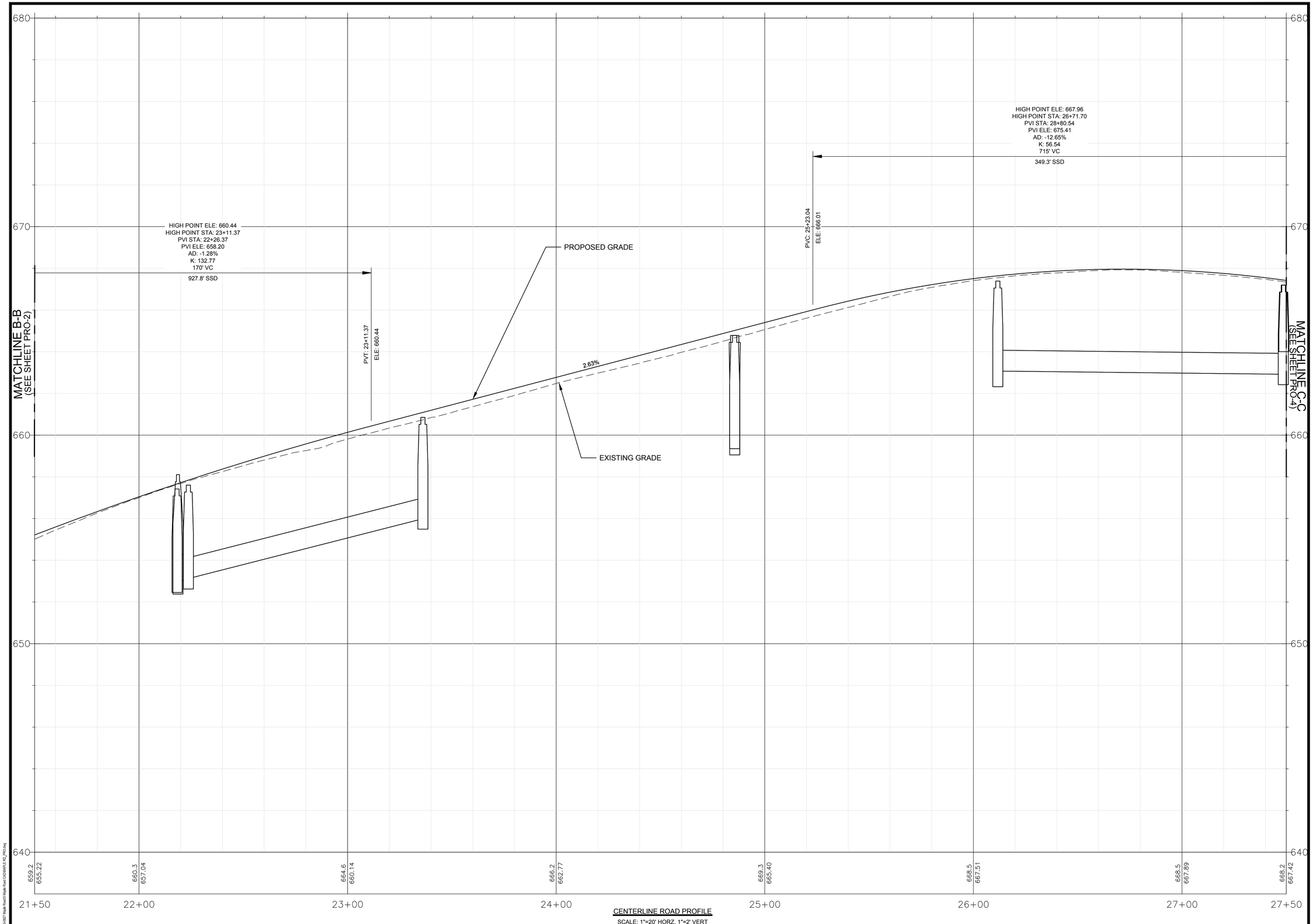
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SCALE: 1"=20' HORZ, 1"=2' VERT

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TOWN OF MANSFIELD

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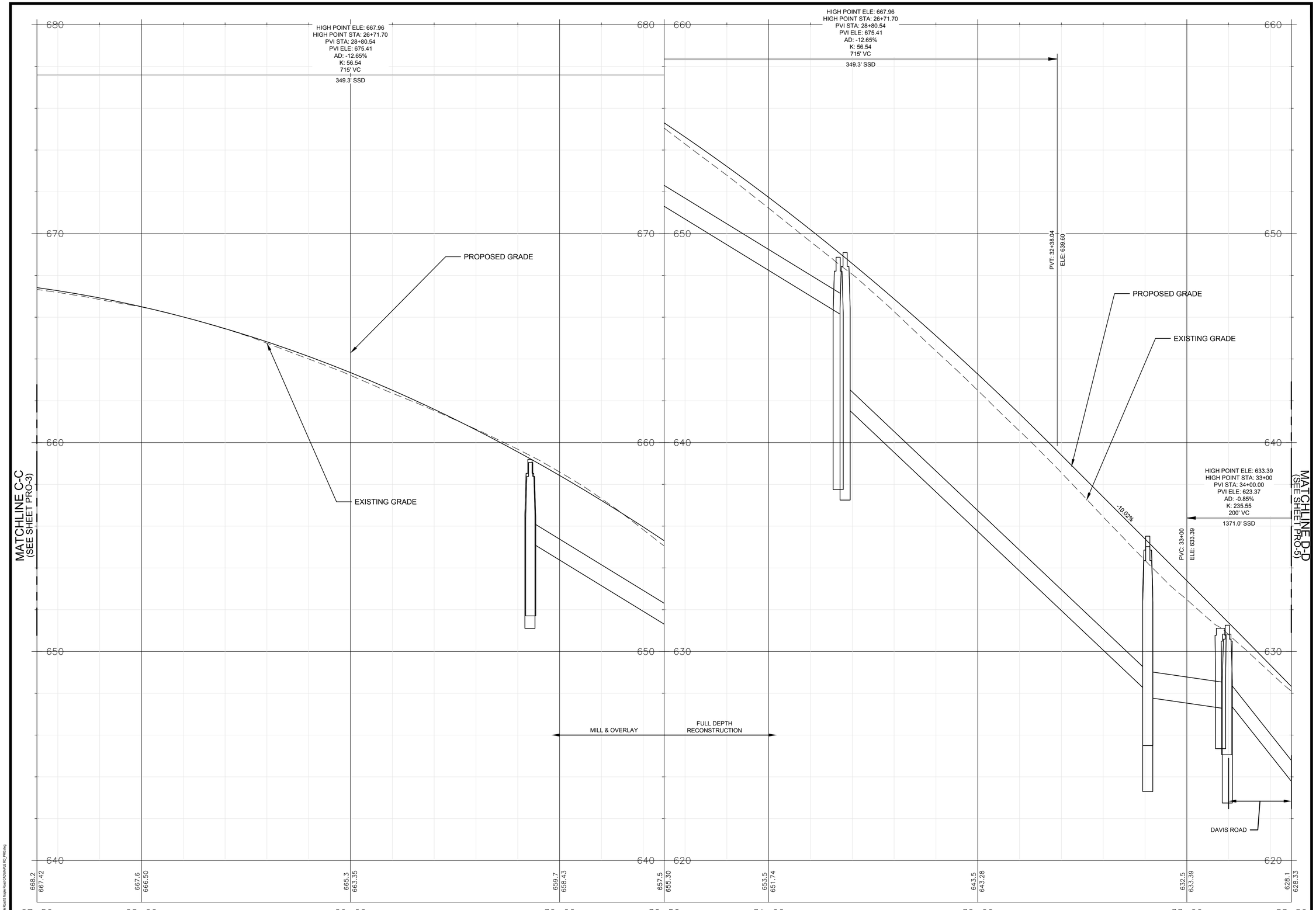
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COMPLETE STREETS
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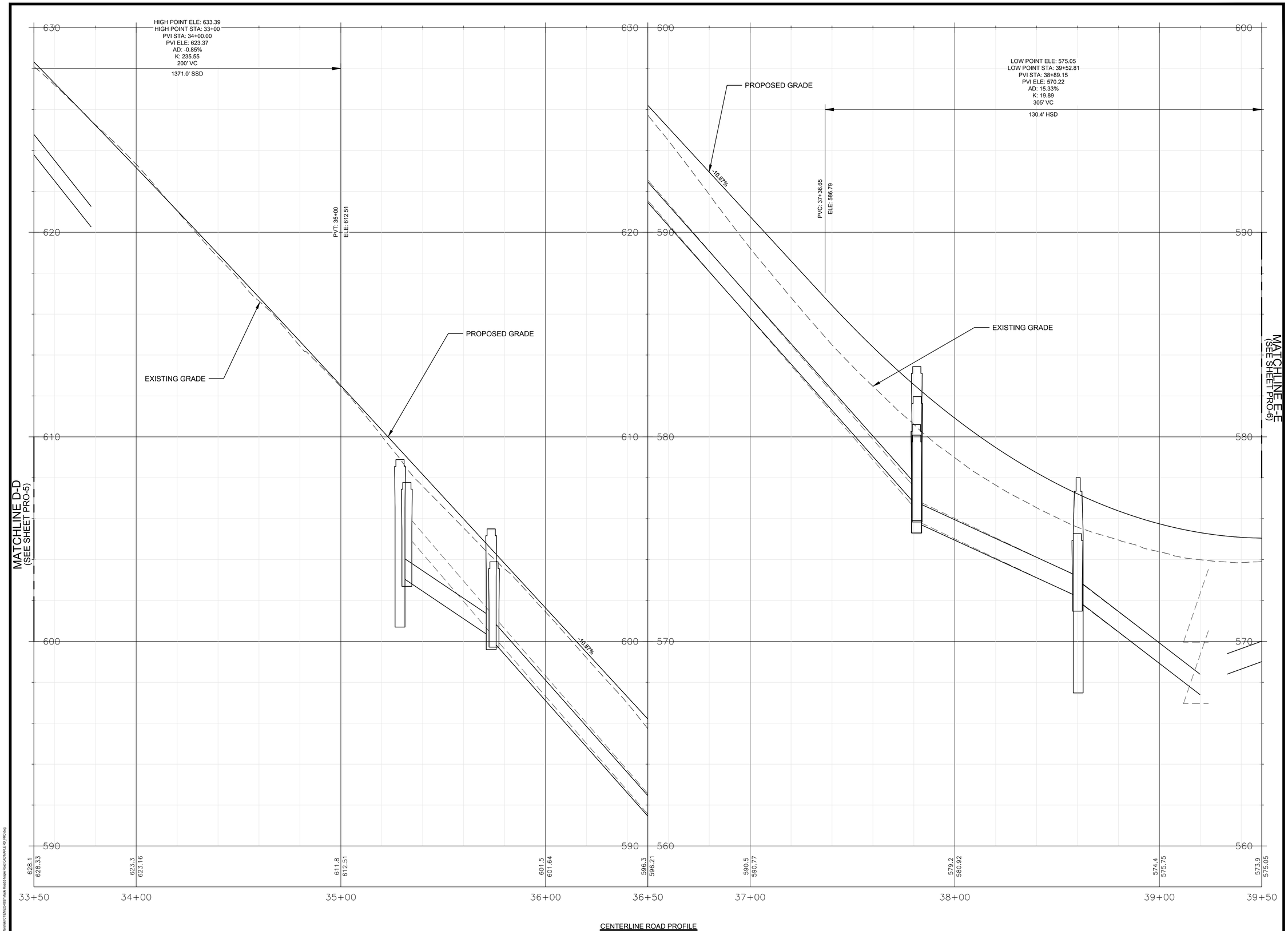
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Project:

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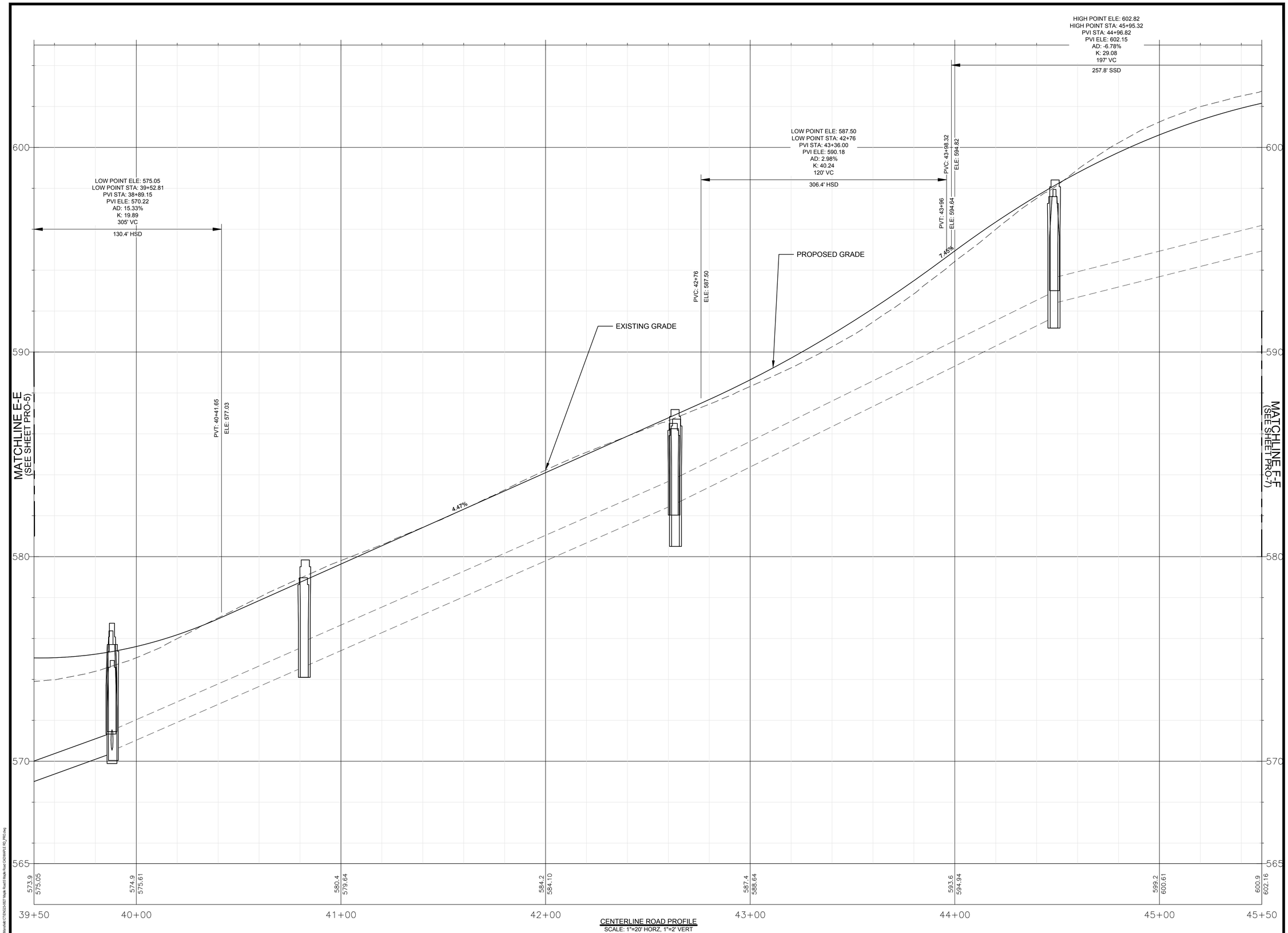
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TOWN OF MANSFIELD

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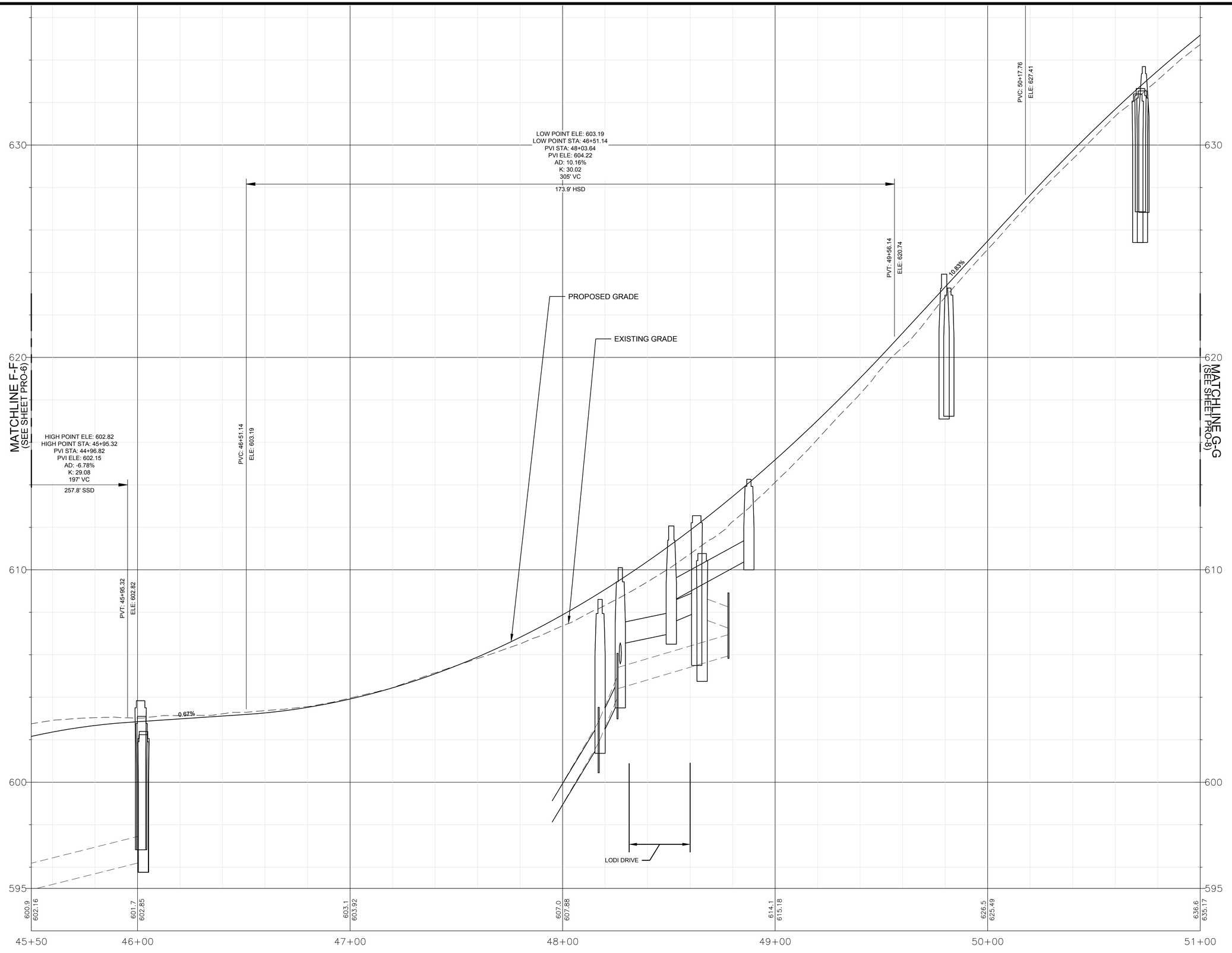
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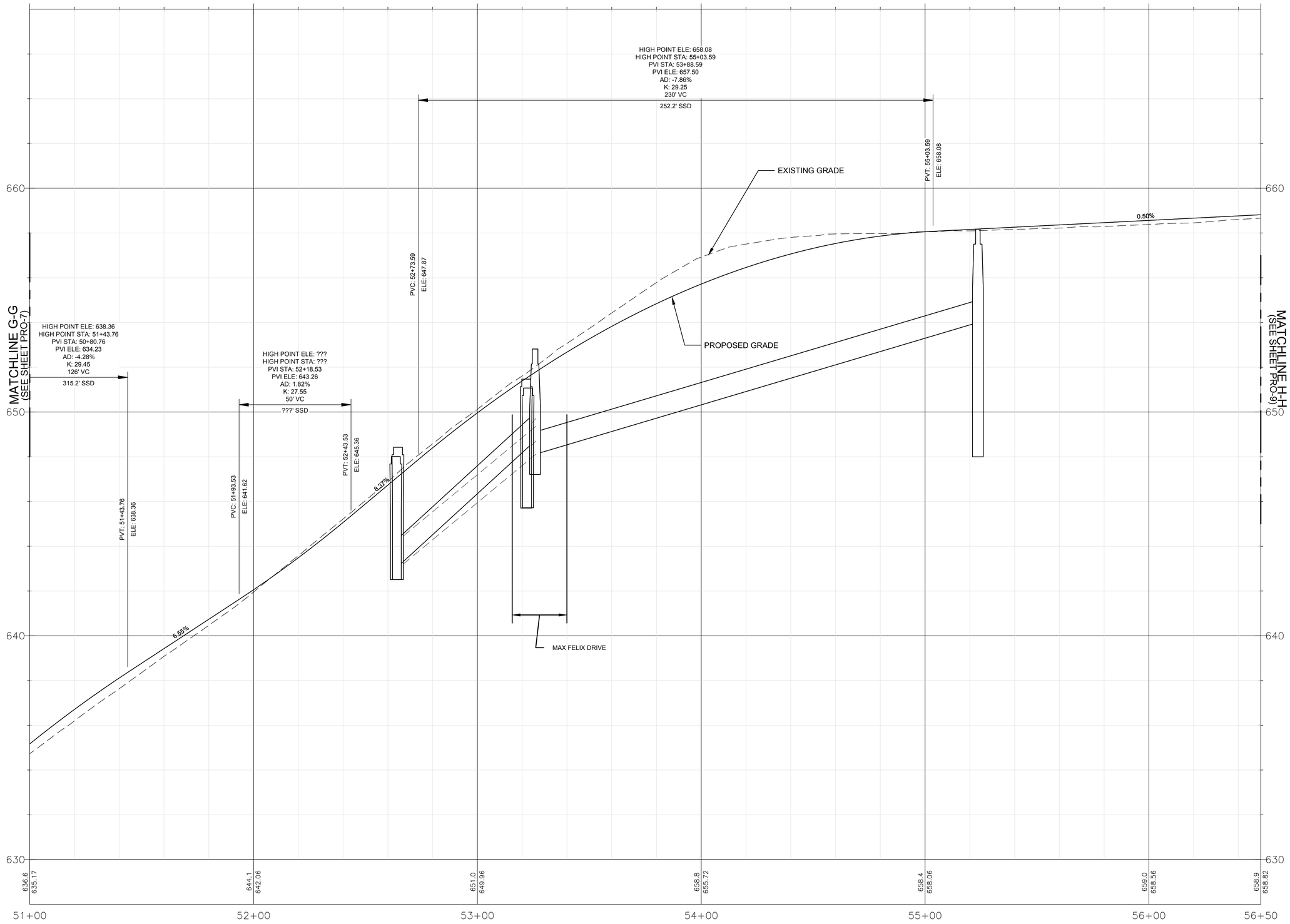
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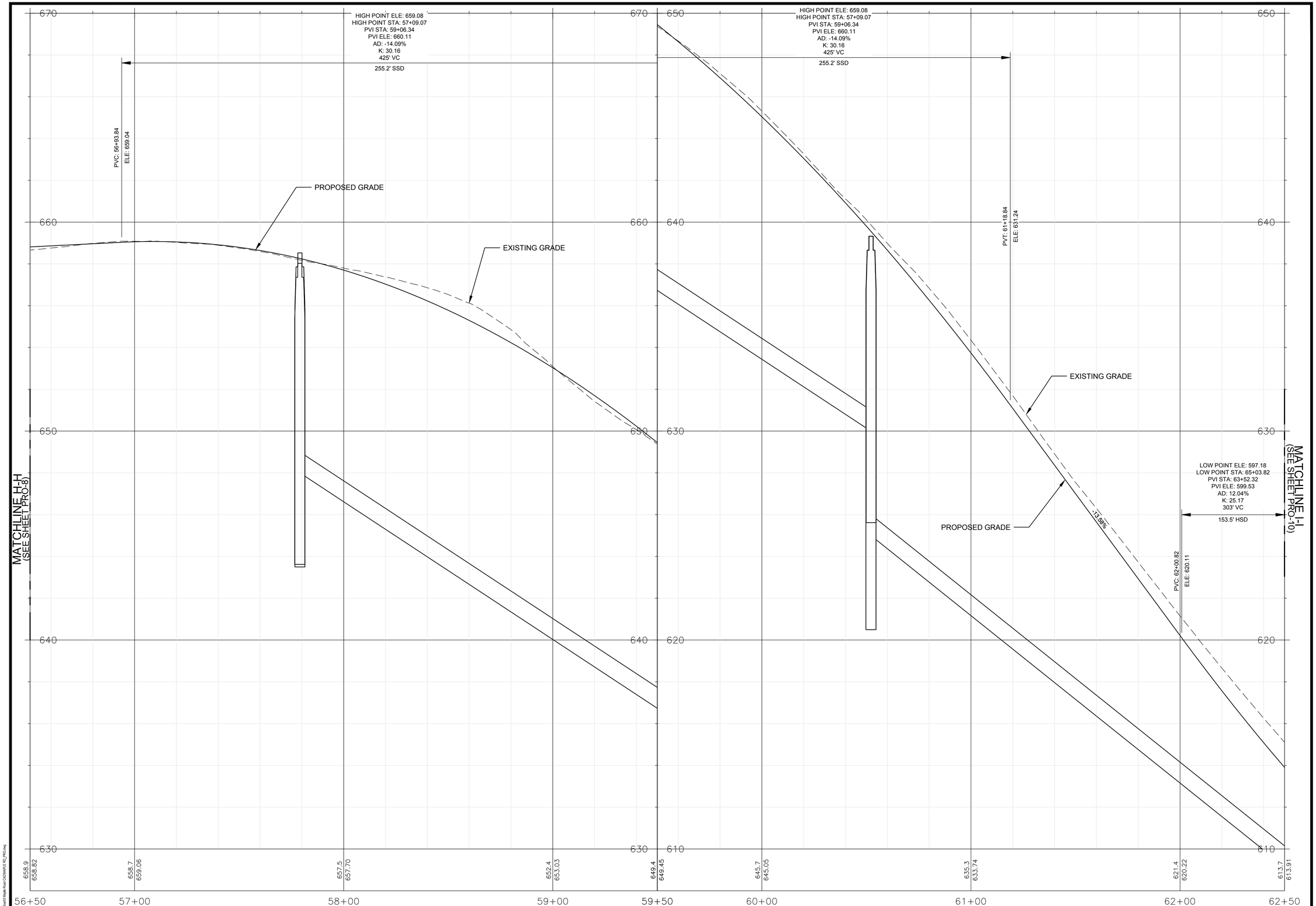
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Project:

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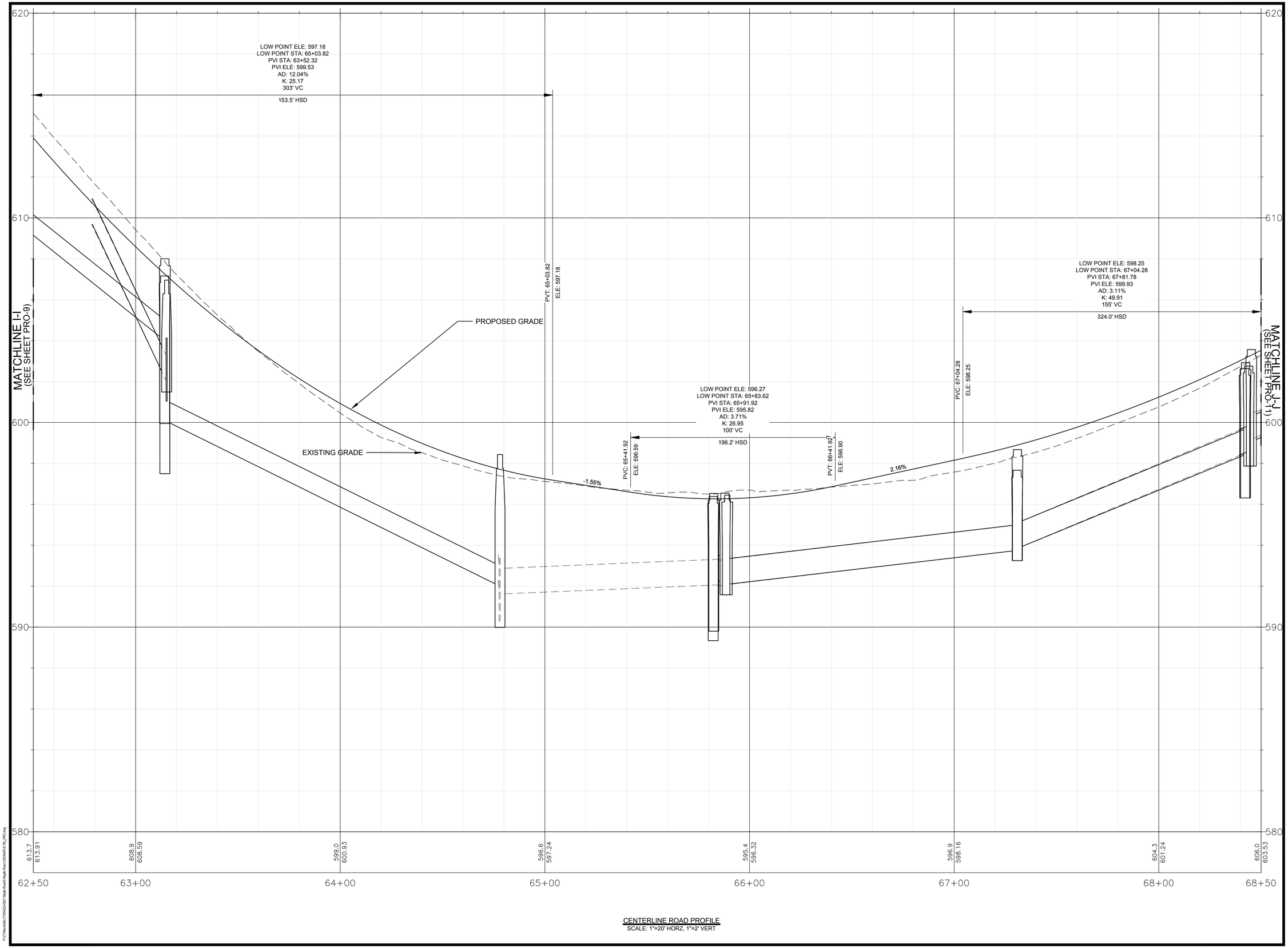
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Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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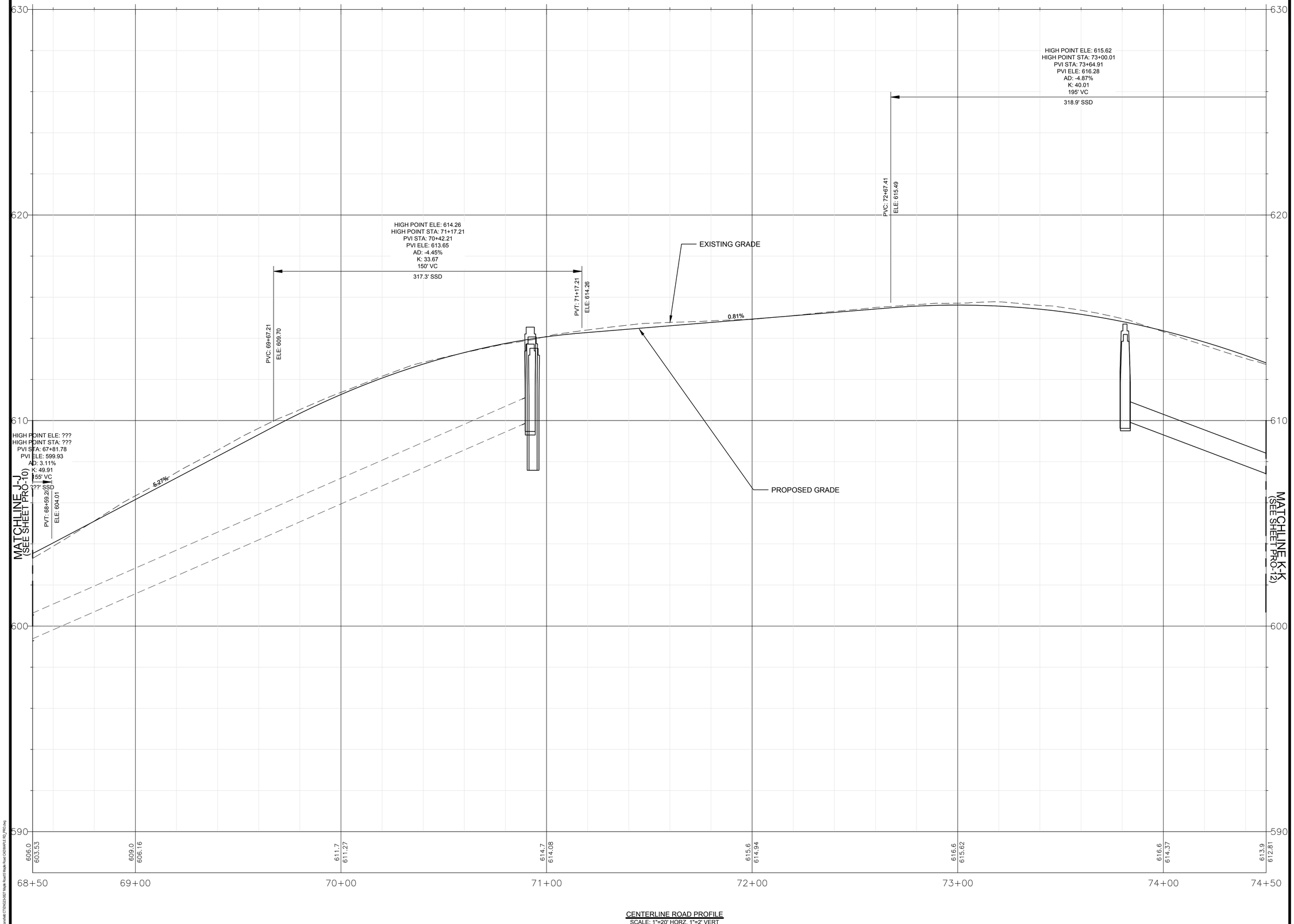
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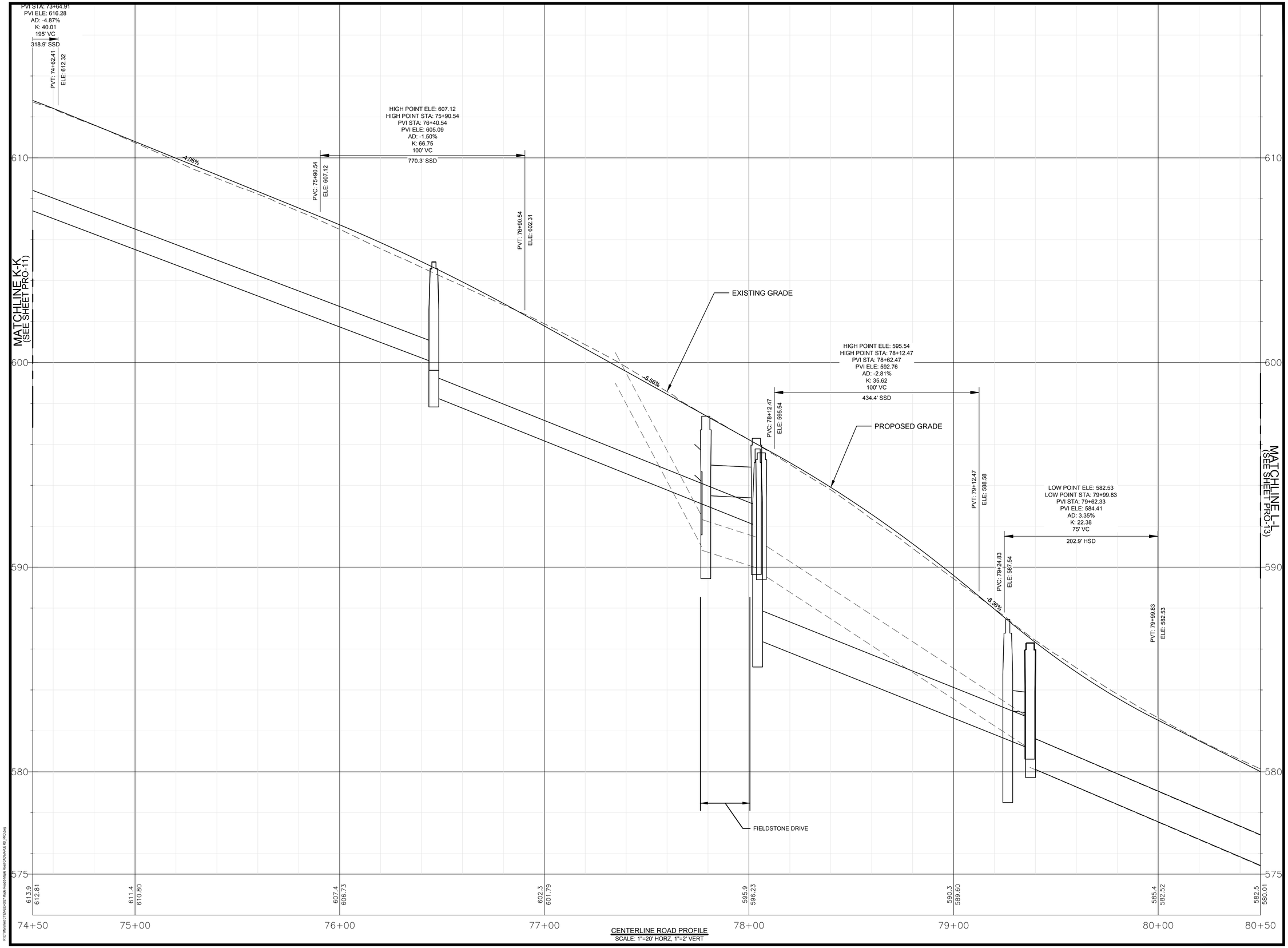
ROADWAY PROFILE

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PRO-11

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CENTERLINE ROAD PROFILE
SCALE: 1"=20' HORZ, 1"=2' VERT

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

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Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

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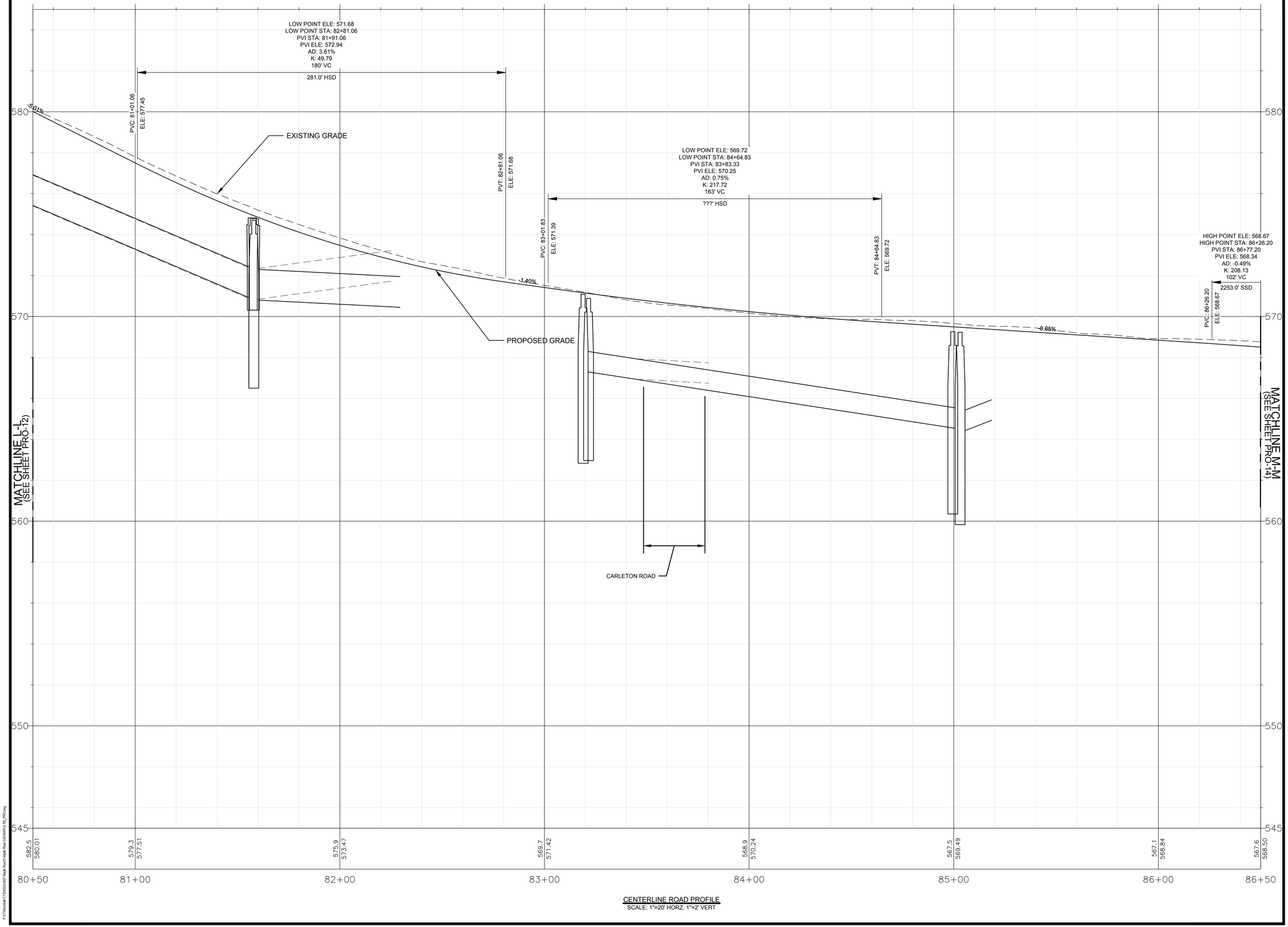
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CENTERLINE ROAD PROFILE
SCALE: 1"=20' HORZ, 1"=2' VERT

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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W&S File No.:	

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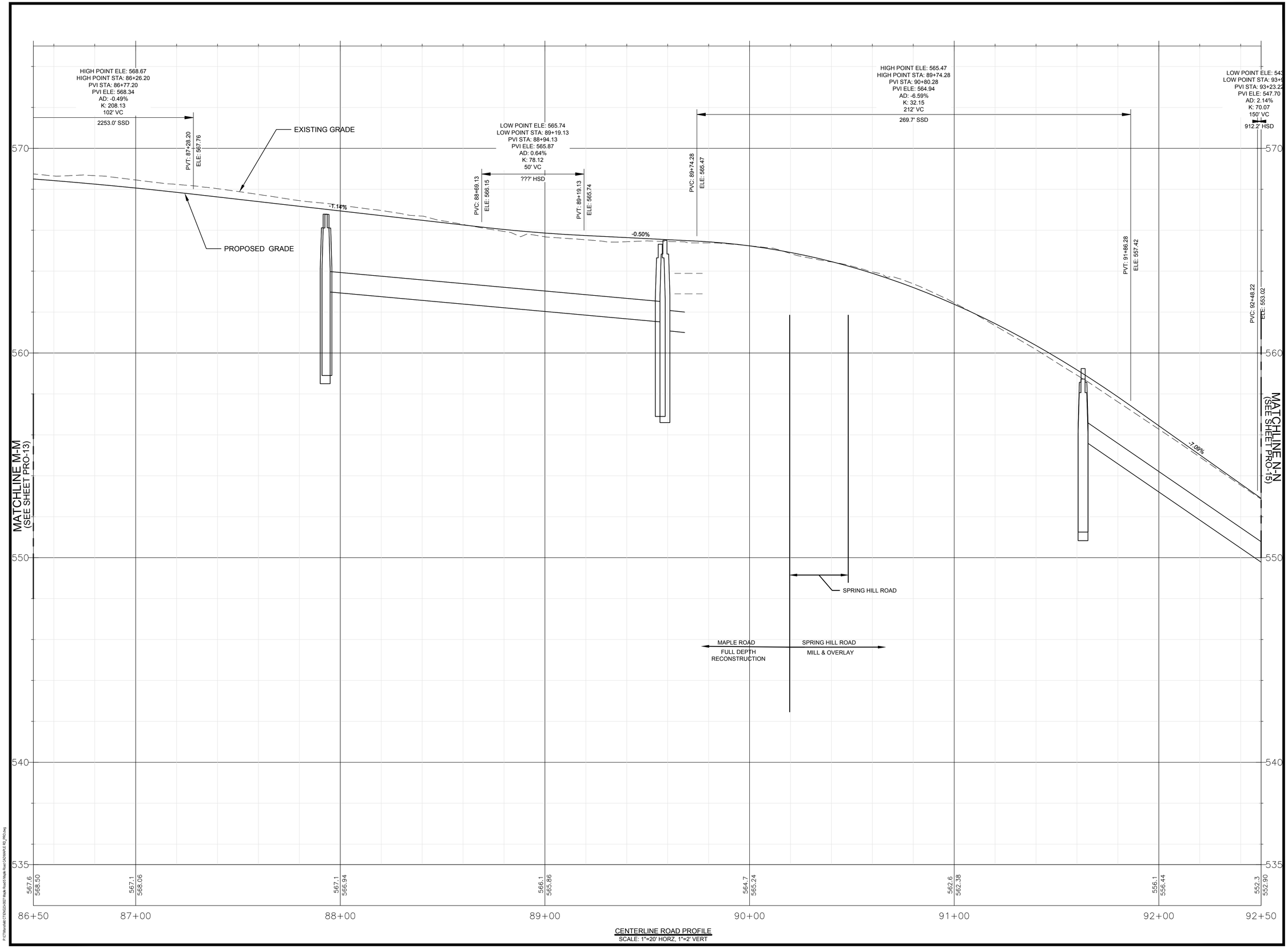
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CENTERLINE ROAD PROFILE
SCALE: 1"=20' HORZ, 1"=2' VERT

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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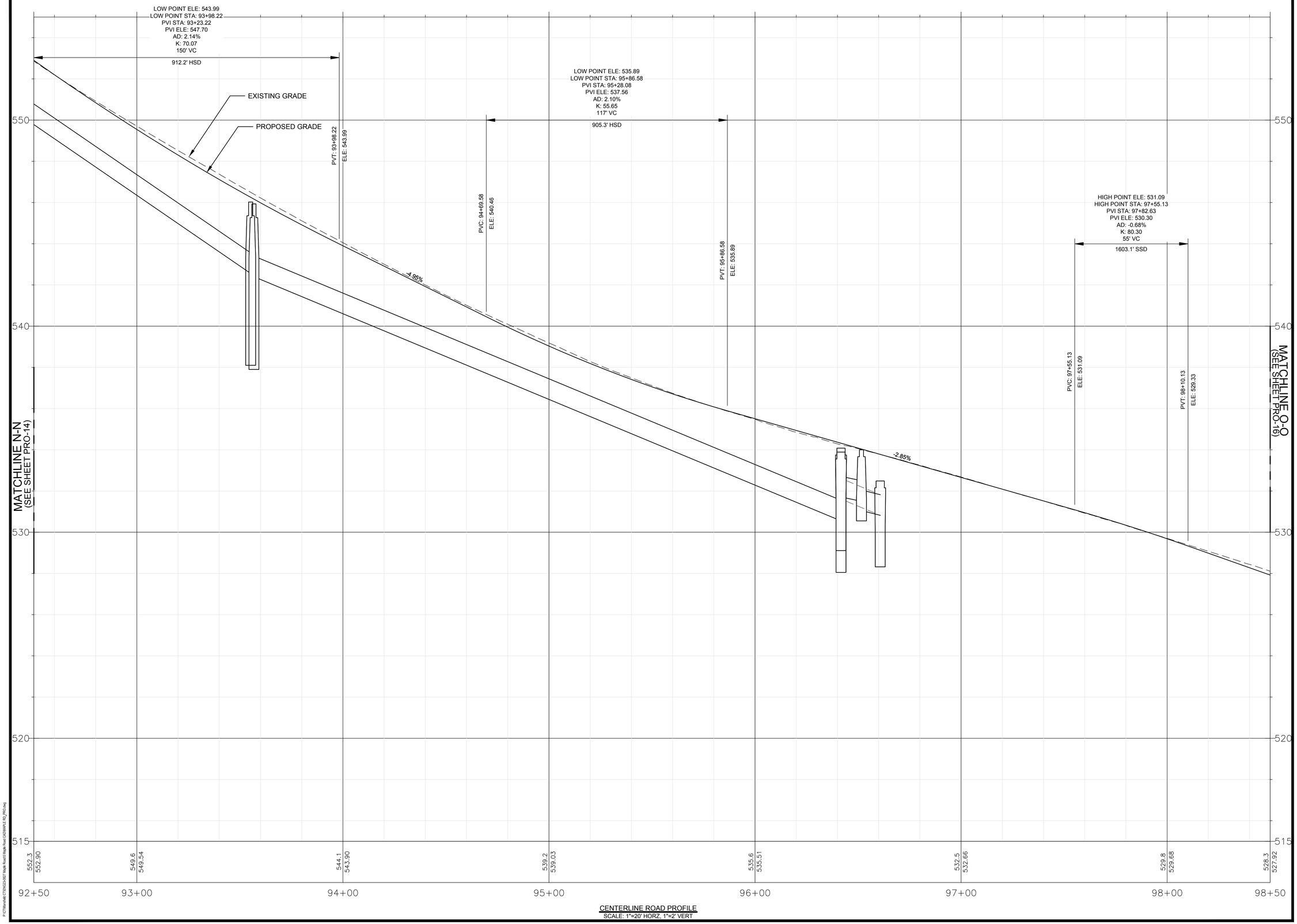
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PRO-14

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CENTERLINE ROAD PROFILE
SCALE: 1"=20' HORZ, 1"=2' VERT

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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W&S File No.:	

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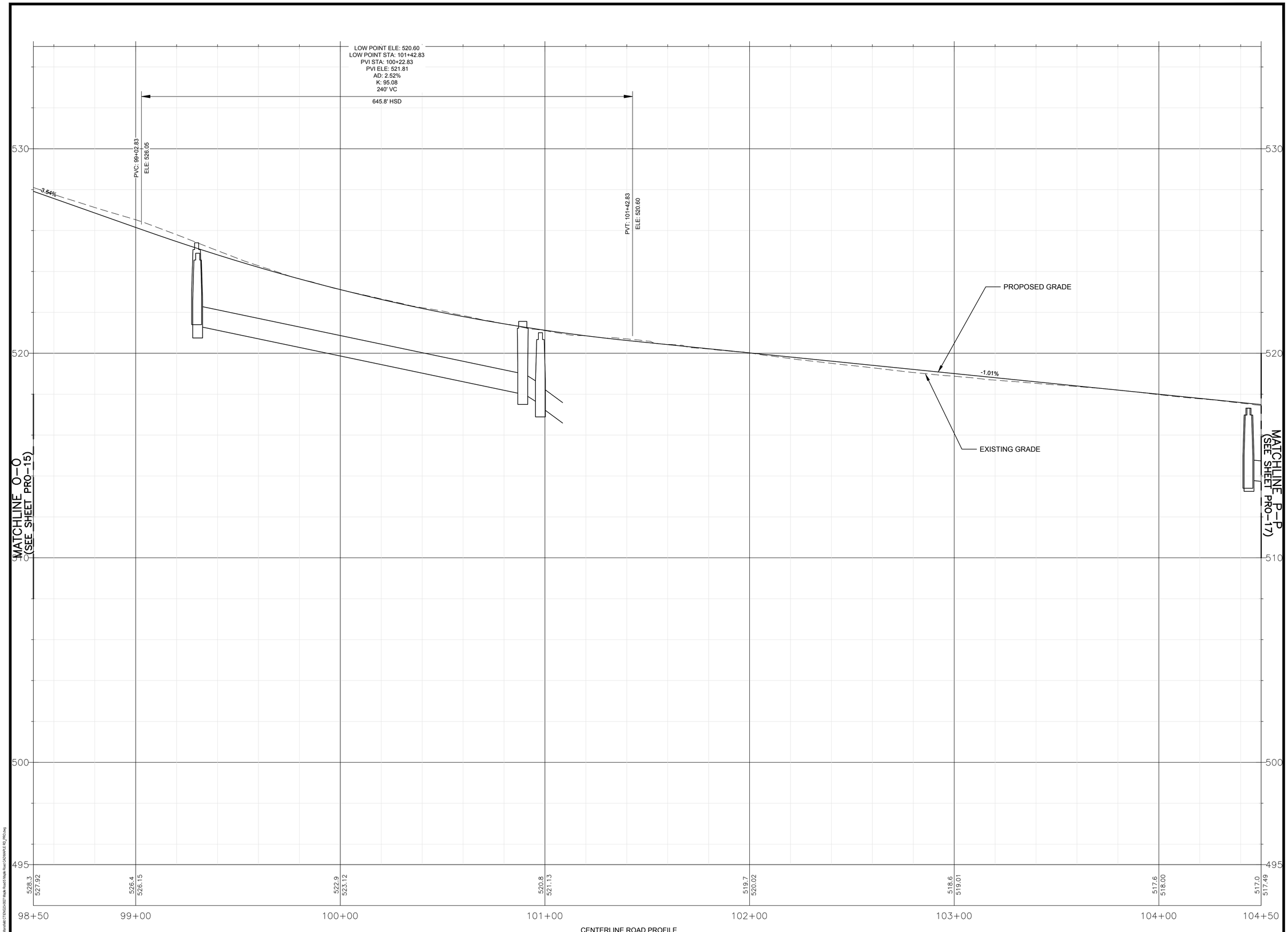
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PRO-15

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CENTERLINE ROAD PROFILE
SCALE: 1"=20' HORZ, 1"=2' VERT

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

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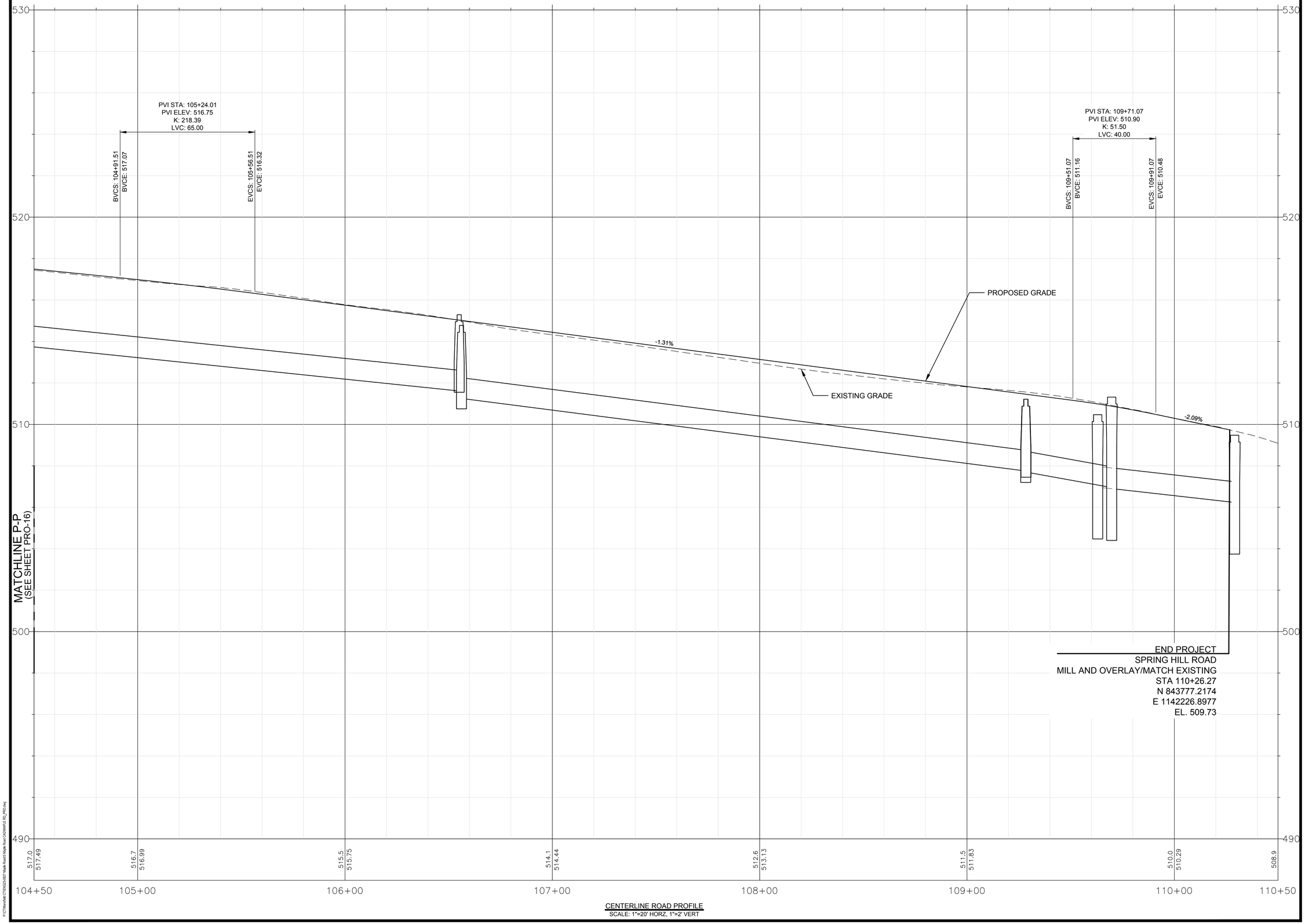
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CENTERLINE ROAD PROFILE
SCALE: 1"=20' HORZ, 1"=2' VERT

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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W&S File No.:	

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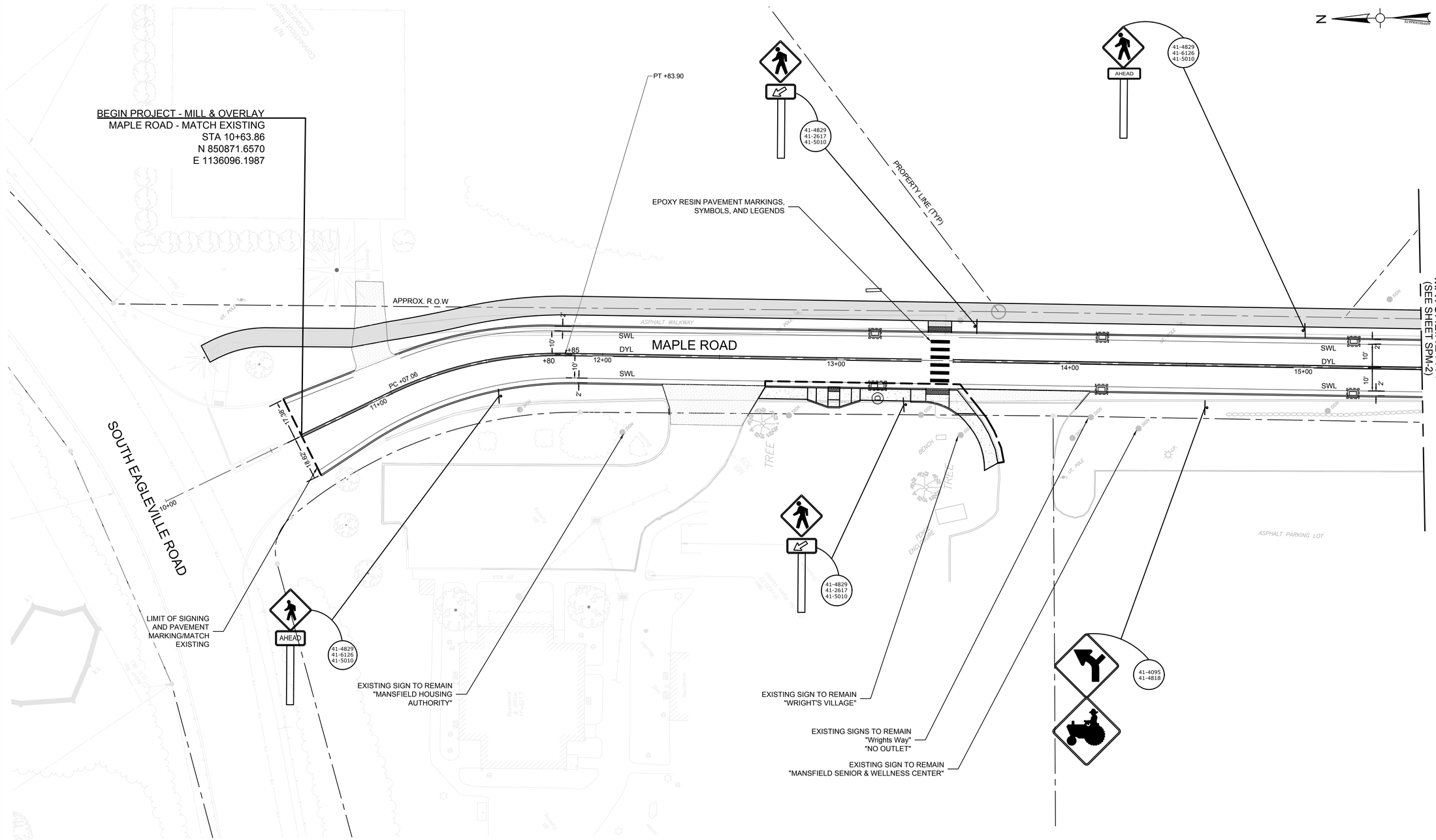
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PRO-17

Rev: 1.6 Date: 04/10/2019

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SIGNING AND PAVEMENT MARKING NOTES:

1. ALL EXISTING SIGN ASSEMBLIES WITHIN THE PROJECT LIMITS NOT CALLED OUT FOR REPLACEMENT AND/OR RELOCATION ARE TO REMAIN.
2. ALL EXISTING SIGNS OUTSIDE THE PROJECT LIMITS TO REMAIN UNLESS OTHERWISE NOTED ON THE PLANS OR OTHERWISE DIRECTED BY THE ENGINEER.
3. INSTALL SIGNS AND METAL SIGN POSTS IN ACCORDANCE WITH TRAFFIC STANDARD SHEETS TR-1208_01 AND TR-1208_02.
4. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
5. THE CONTRACTOR SHALL CLEAR AND TRIM AS DIRECTED BY THE ENGINEER TO PROVIDE ADEQUATE SIGHT LINE TO THE SIGNS. THIS WORK WILL BE PAID FOR UNDER ITEM "CLEARING AND GRUBBING".
6. WHEN A SIGN IS TO BE REPLACED, THE EXISTING SIGN SHOULD NOT BE REMOVED UNTIL THE NEW REPLACEMENT SIGN IS INSTALLED.
7. SIGNS SHALL NOT BE PLACED LESS THAN 10 FEET FROM UTILITY POLES.
8. THE REMOVAL OF EXISTING SIGNS IN THE PROJECT AREA WILL BE PAID FOR UNDER ITEM "REMOVAL OF EXISTING SIGNS".
9. ALL PAVEMENT MARKINGS TO BE EPOXY RESIN.
10. ALL PAVEMENT MARKINGS TO BE INSTALLED IN ACCORDANCE WITH STANDARD SHEETS TR-1210_04, TR-1210_08, TR-1210_09, AND BF-GS_01.
11. ERADICATE EXISTING CONFLICTING PAVEMENT MARKINGS

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

PLAN

SCALE: 1"=20'

0 20' 40' 60'

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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SIGNING AND PAVEMENT MARKING

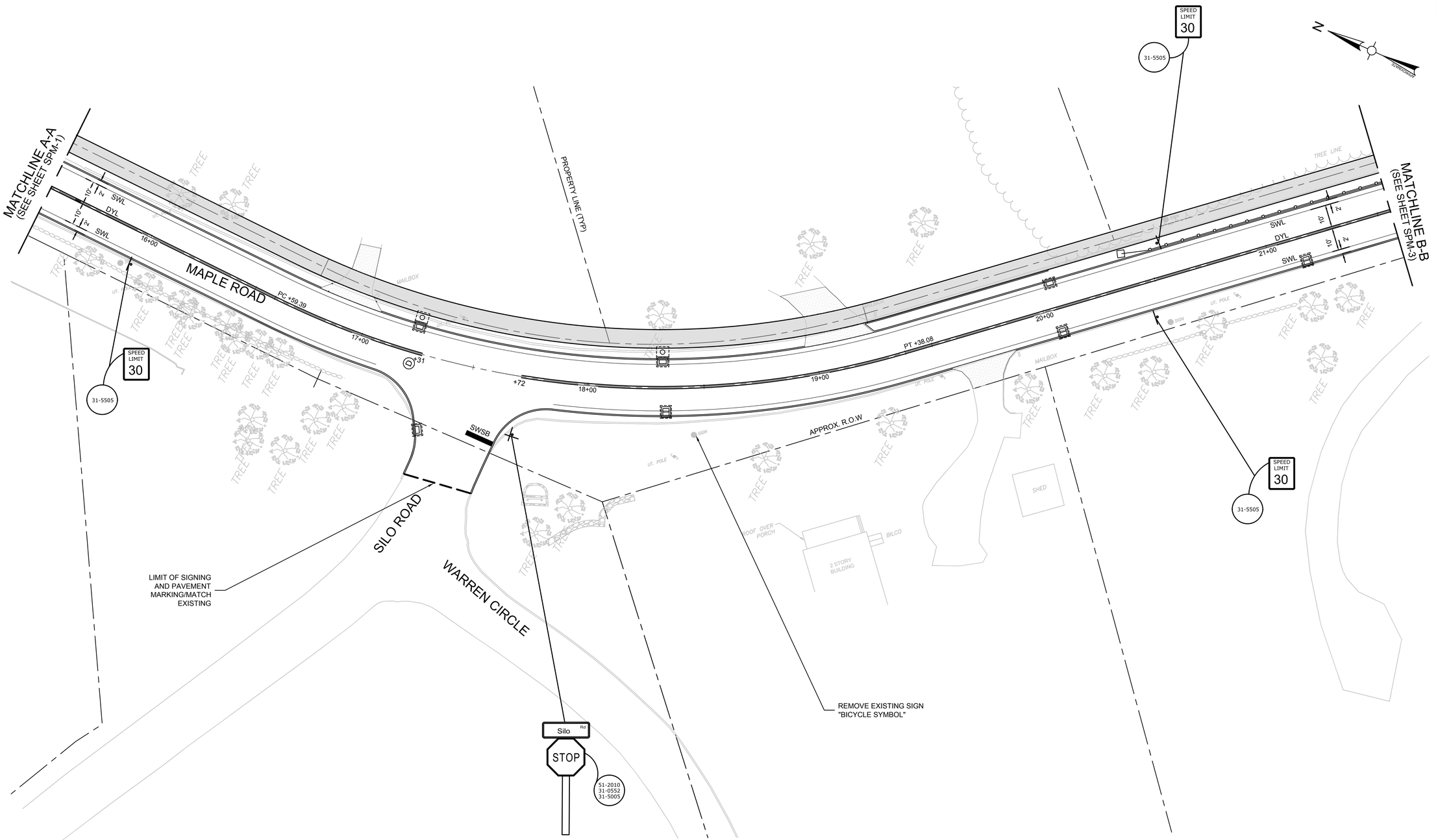
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PLAN
SCALE: 1"=20'

0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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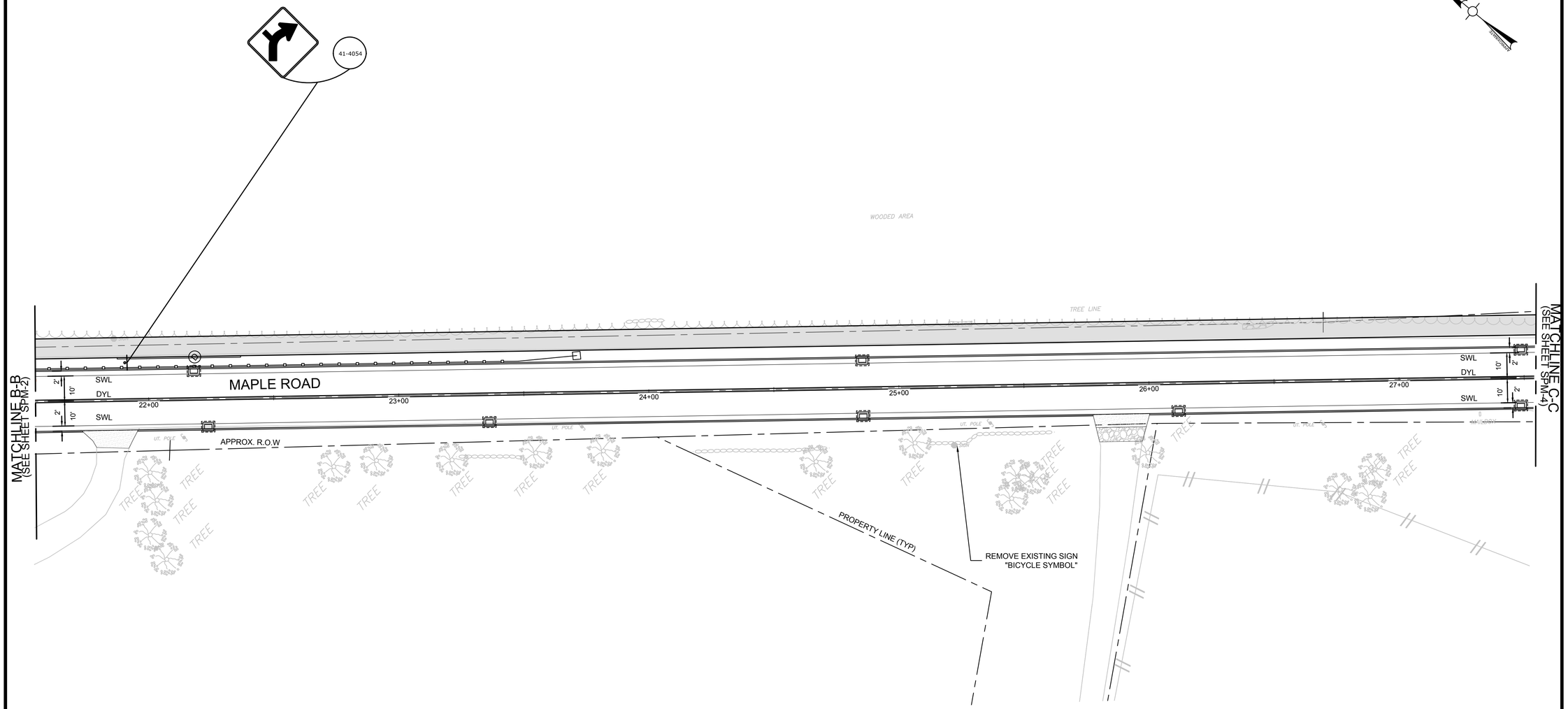
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

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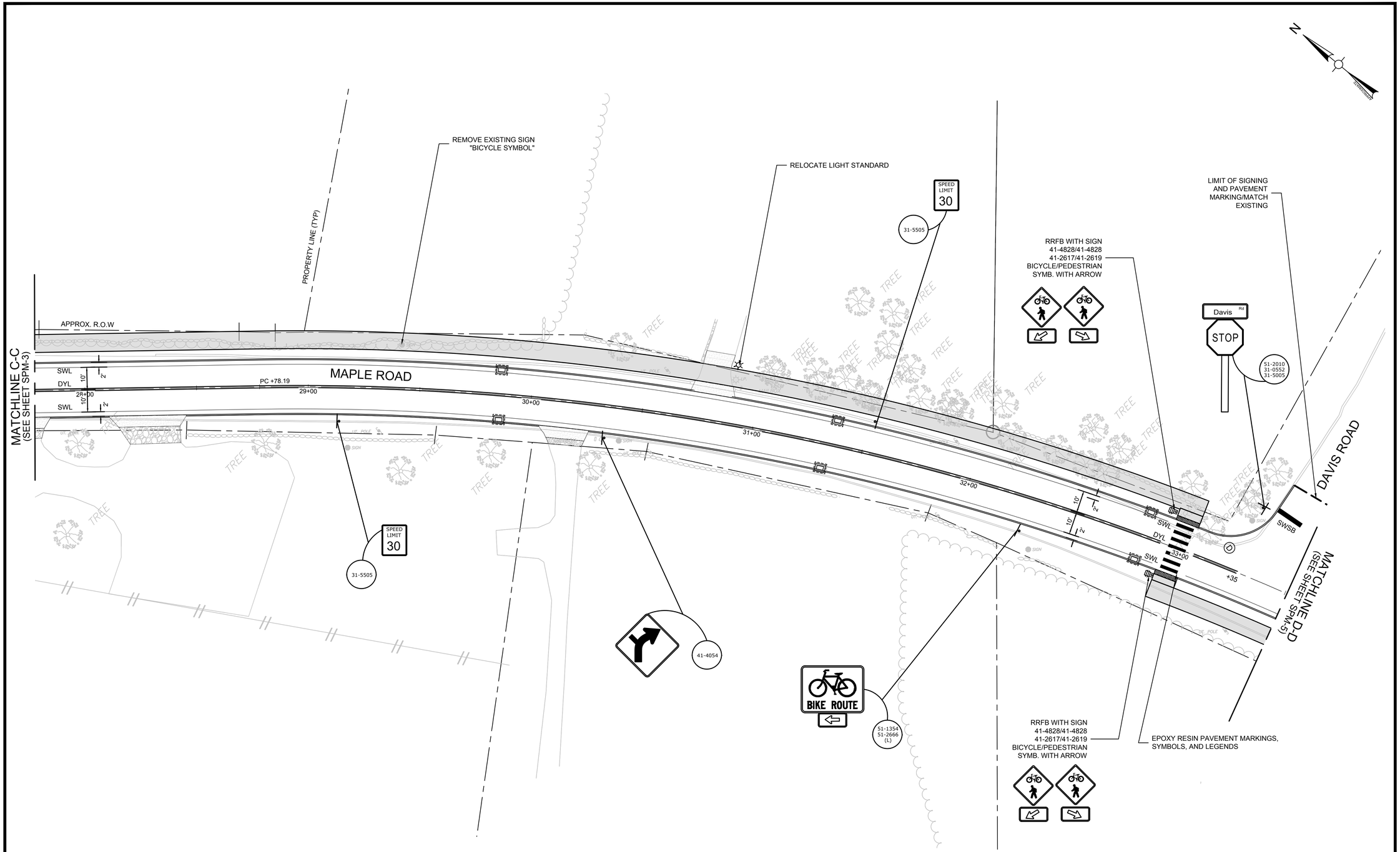
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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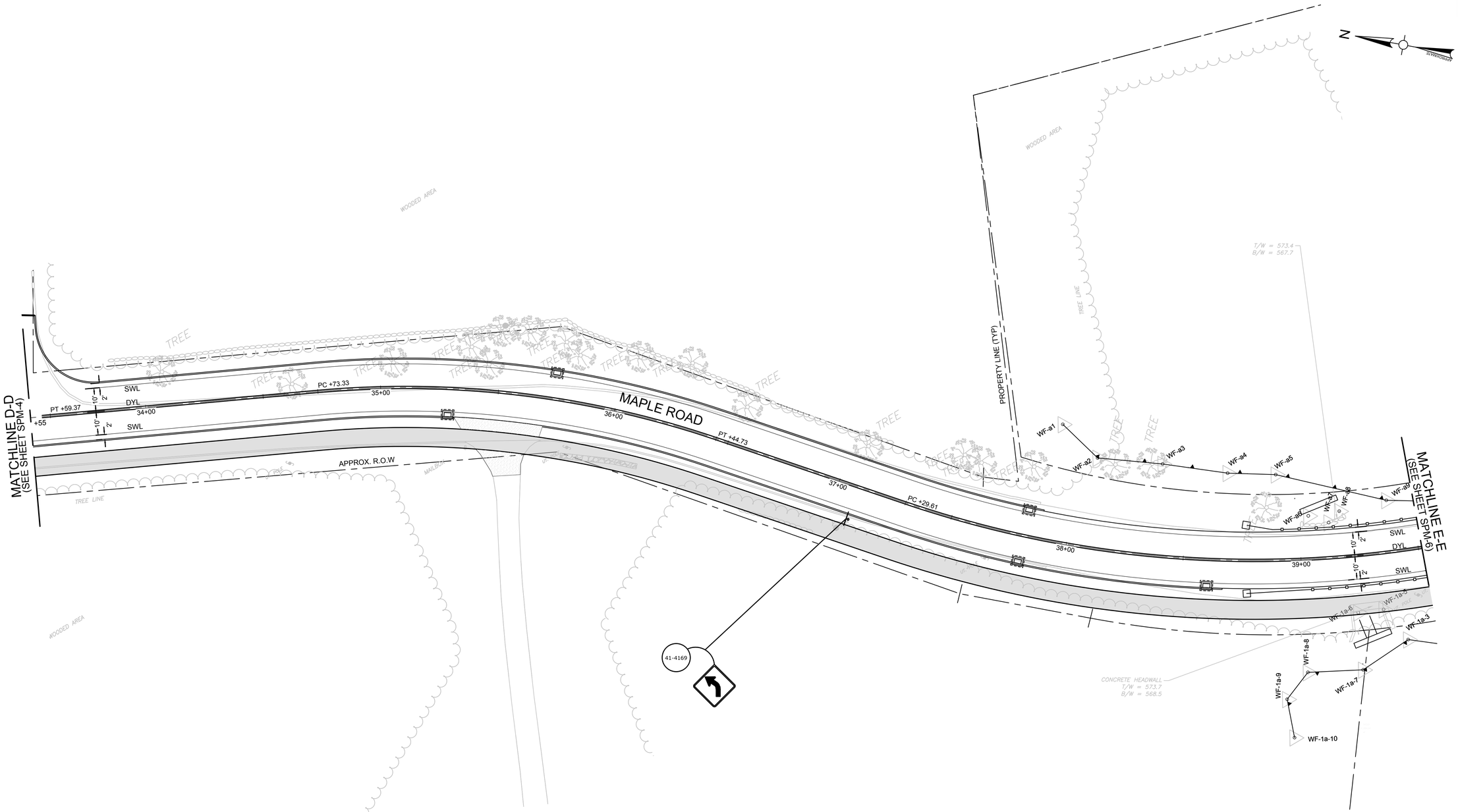
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

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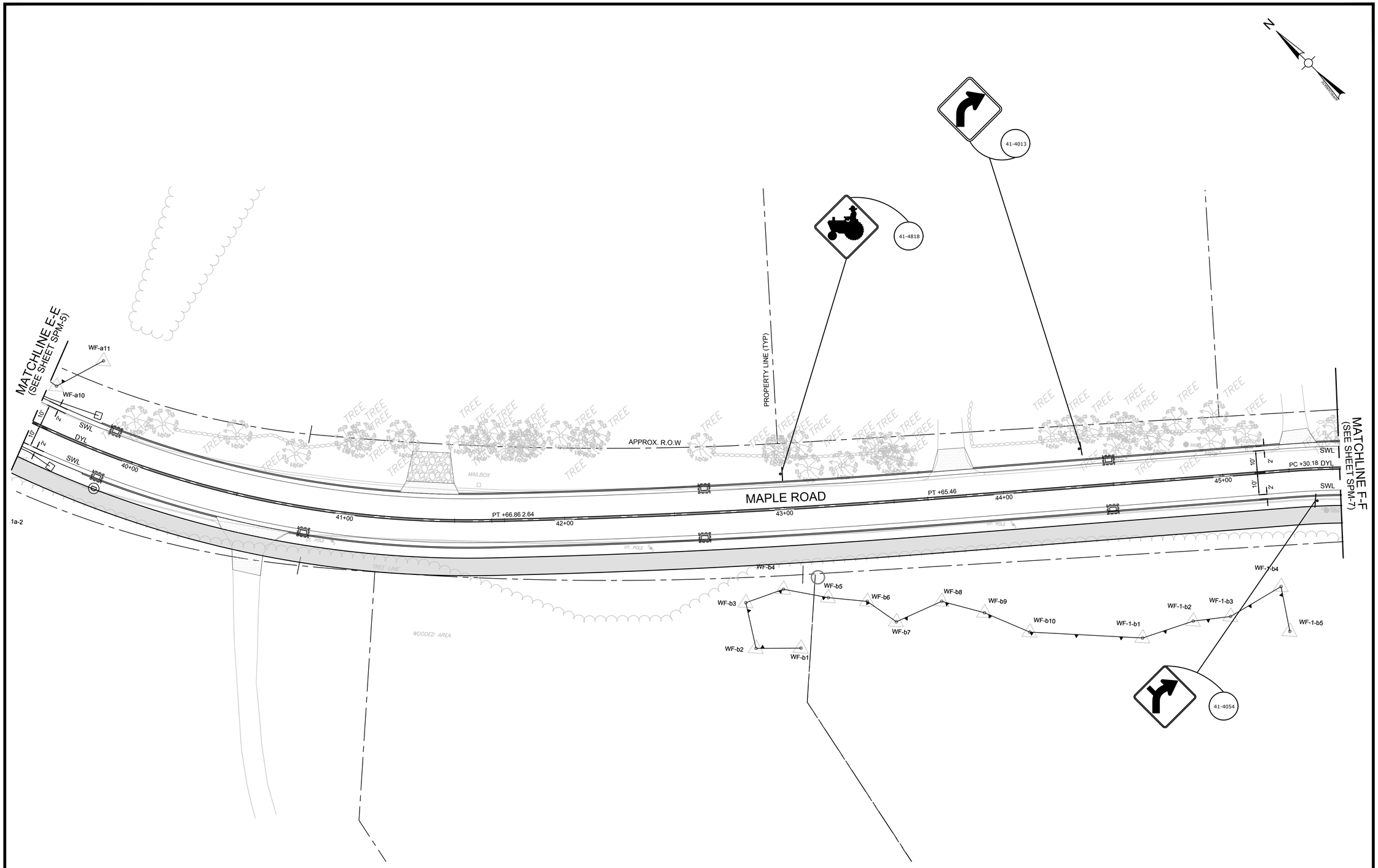
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PLAN
SCALE: 1"=20'

0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

SIGNING AND PAVEMENT MARKING

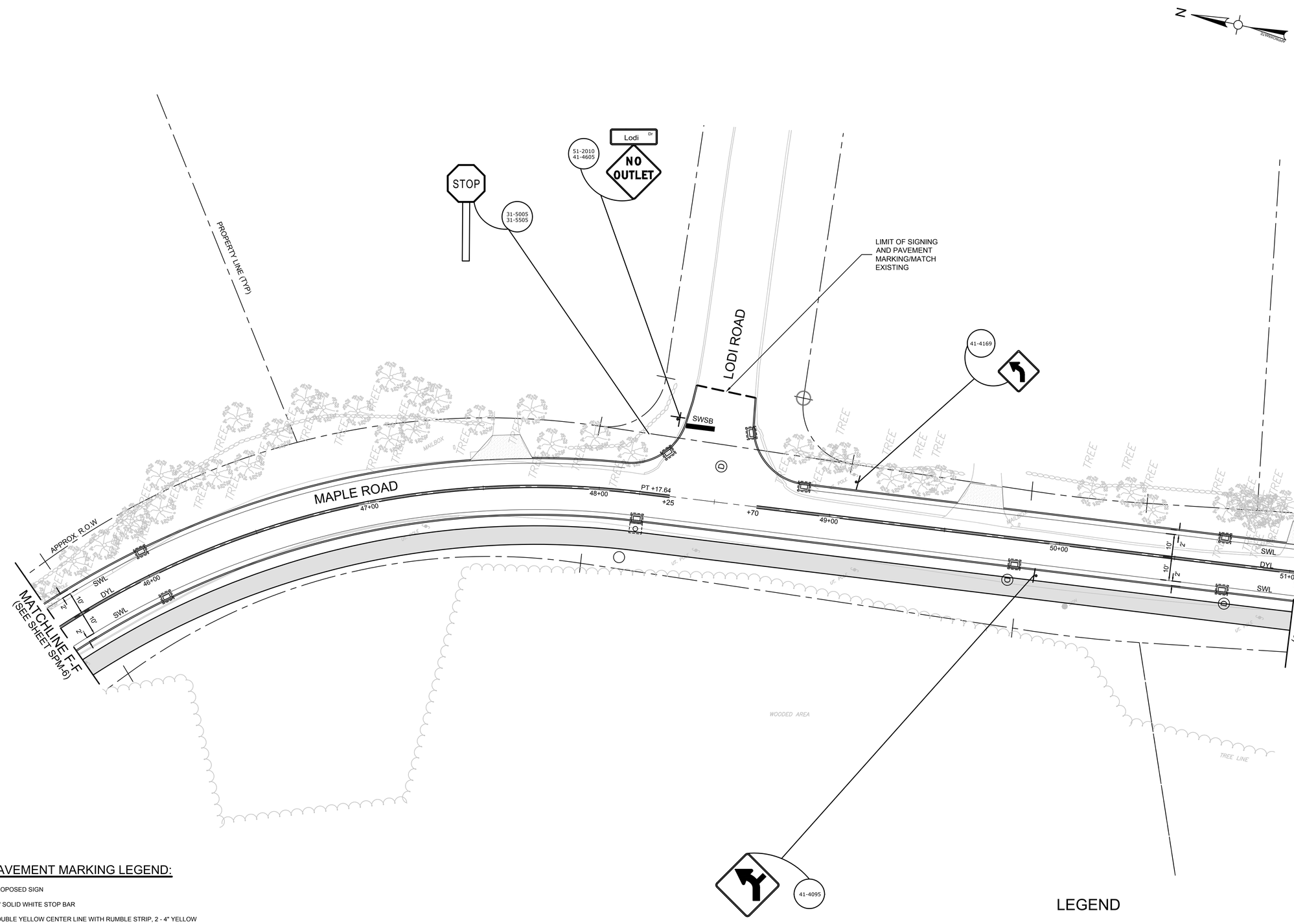
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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W&S File No.:	

Drawing Title:

SIGNING AND PAVEMENT MARKING

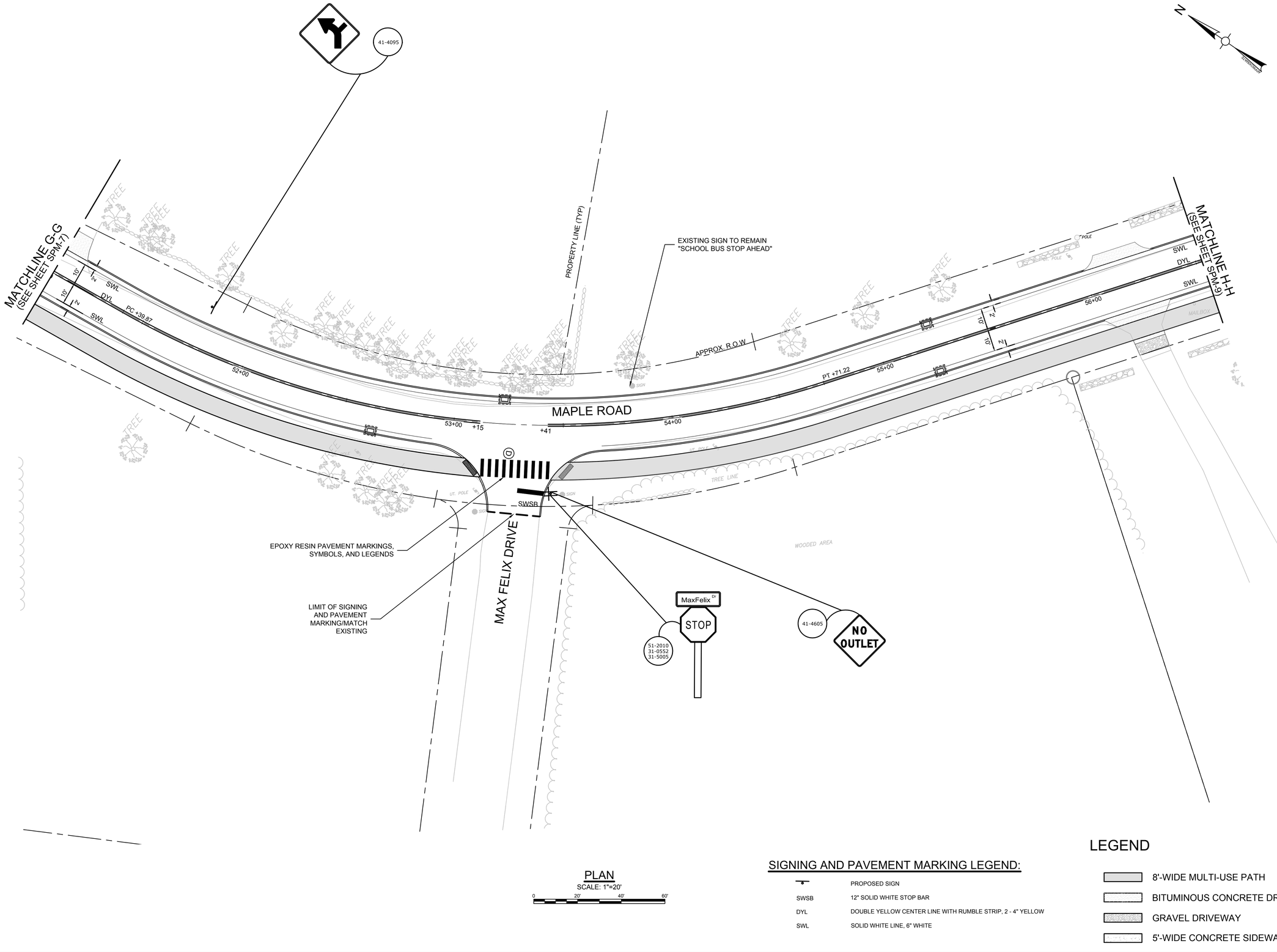
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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W&S File No.:	

Drawing Title:

SIGNING AND PAVEMENT MARKING

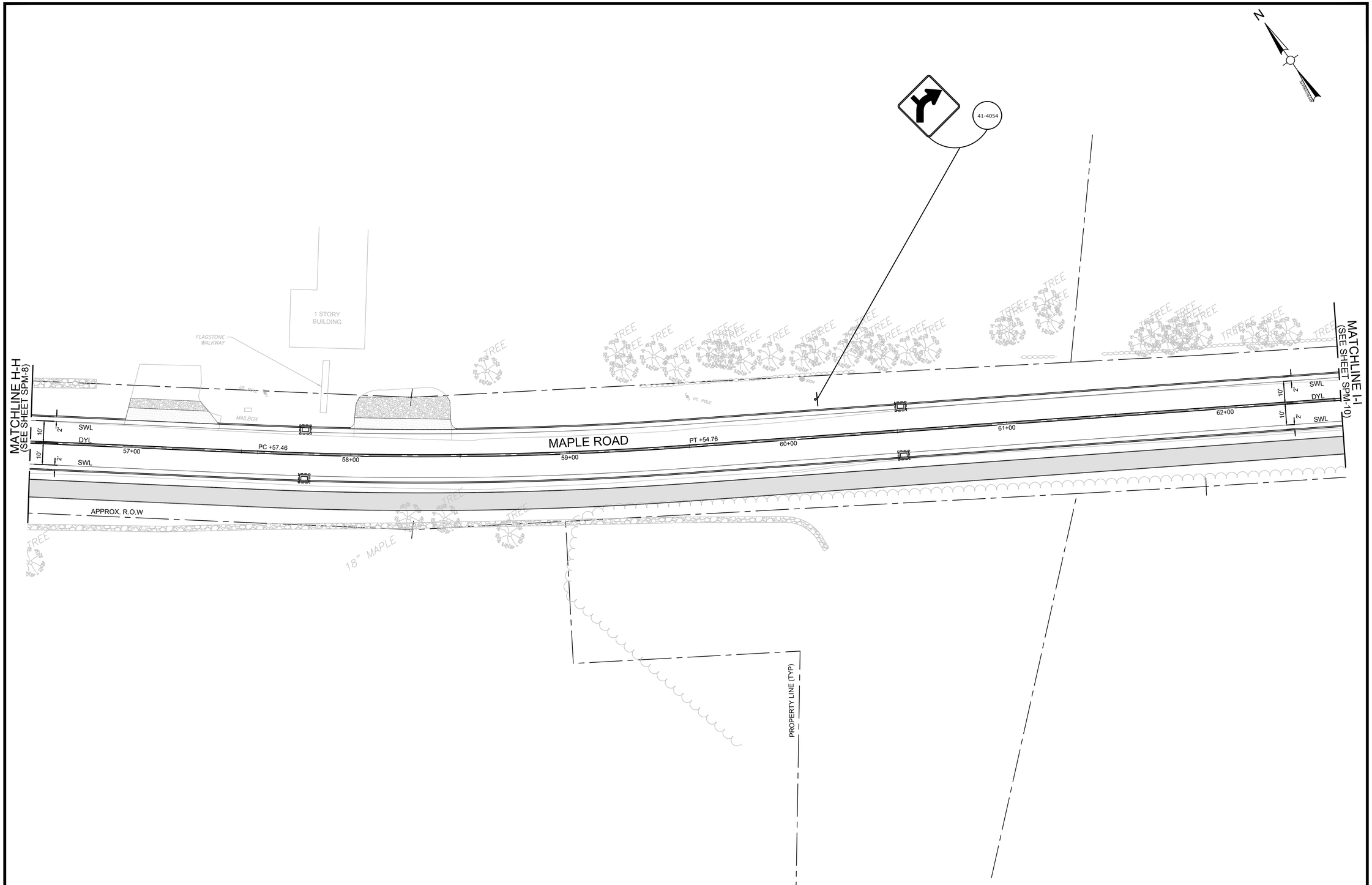
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

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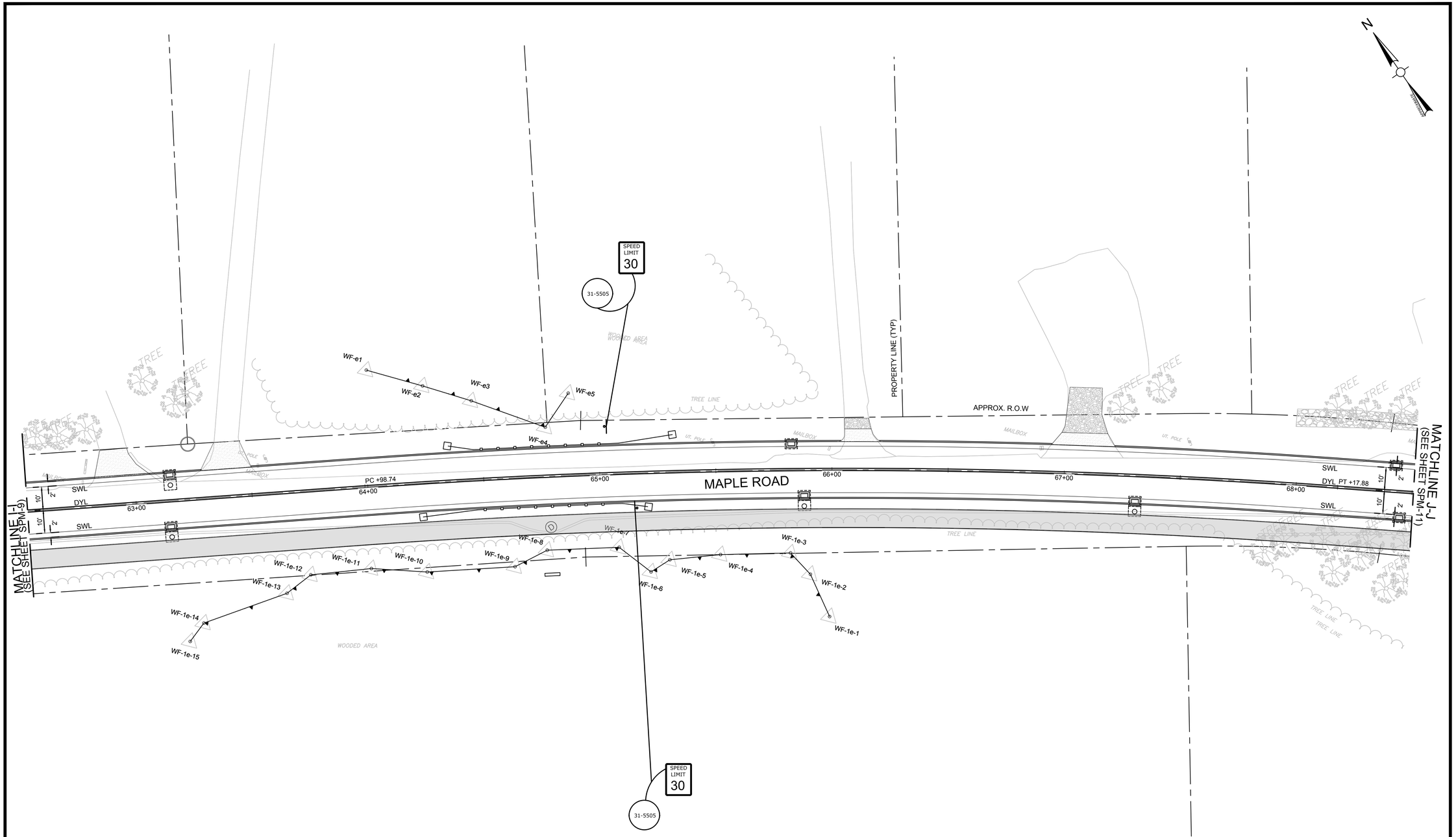
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SIGNING AND PAVEMENT MARKING LEGEND:

⊸	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

PLAN
SCALE: 1"=20'
0 20' 40' 60'

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

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W&S File No.:	

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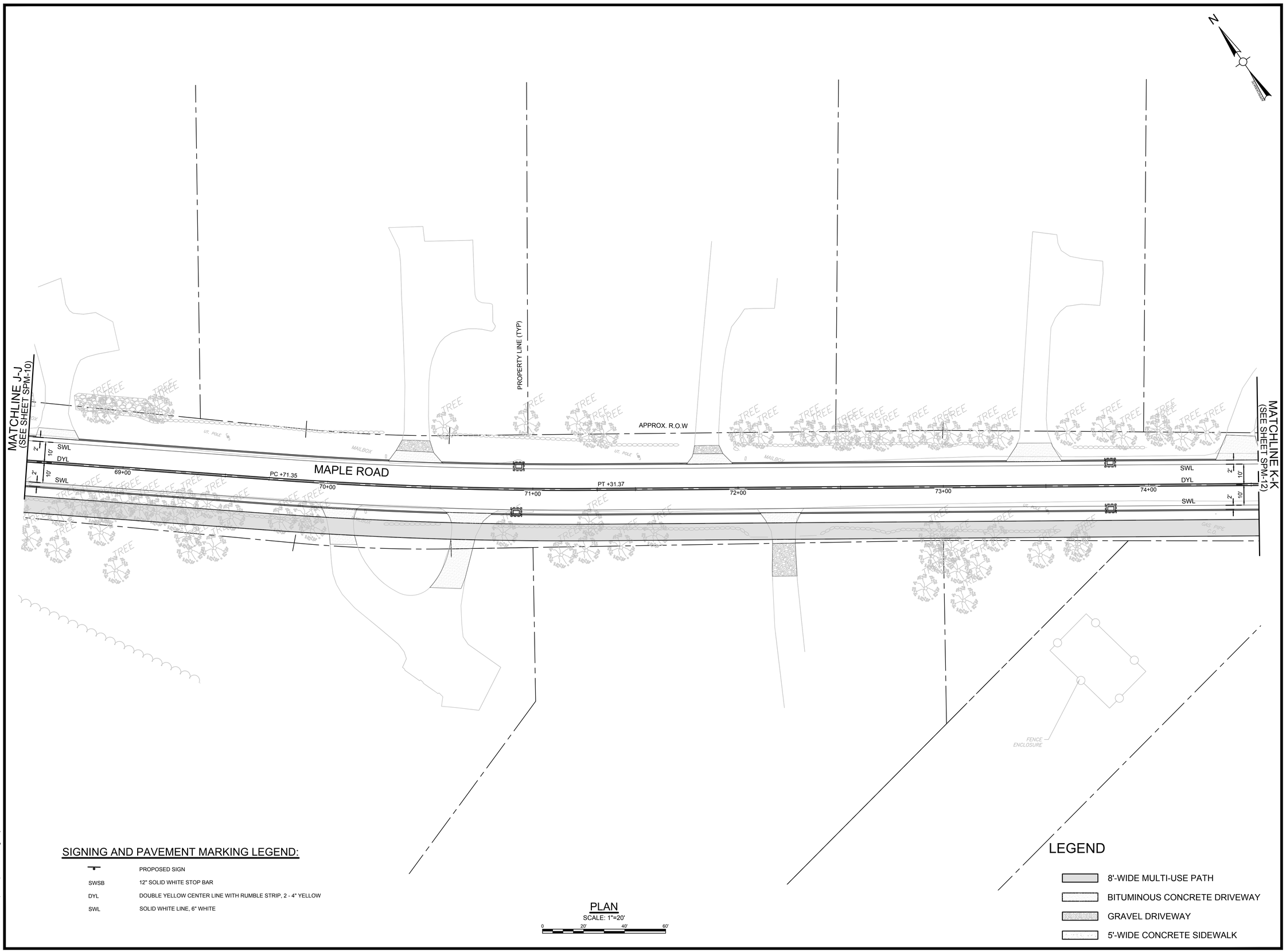
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SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

PLAN
SCALE: 1"=20'
0 20' 40' 60'

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

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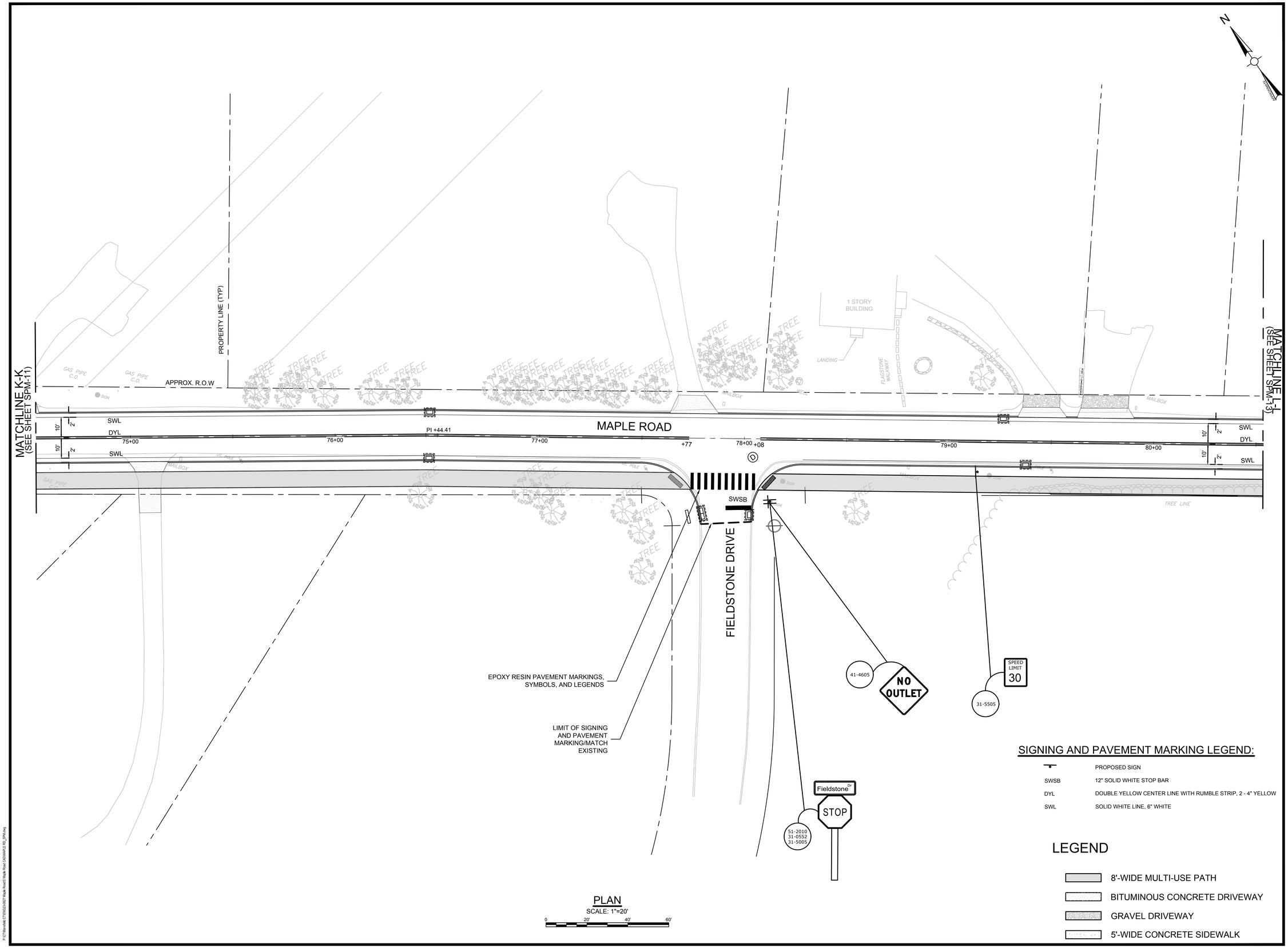
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PLAN
SCALE: 1"=20'

0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

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Approved By:	JWS
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W&S File No.:	

Drawing Title:

SIGNING AND PAVEMENT MARKING

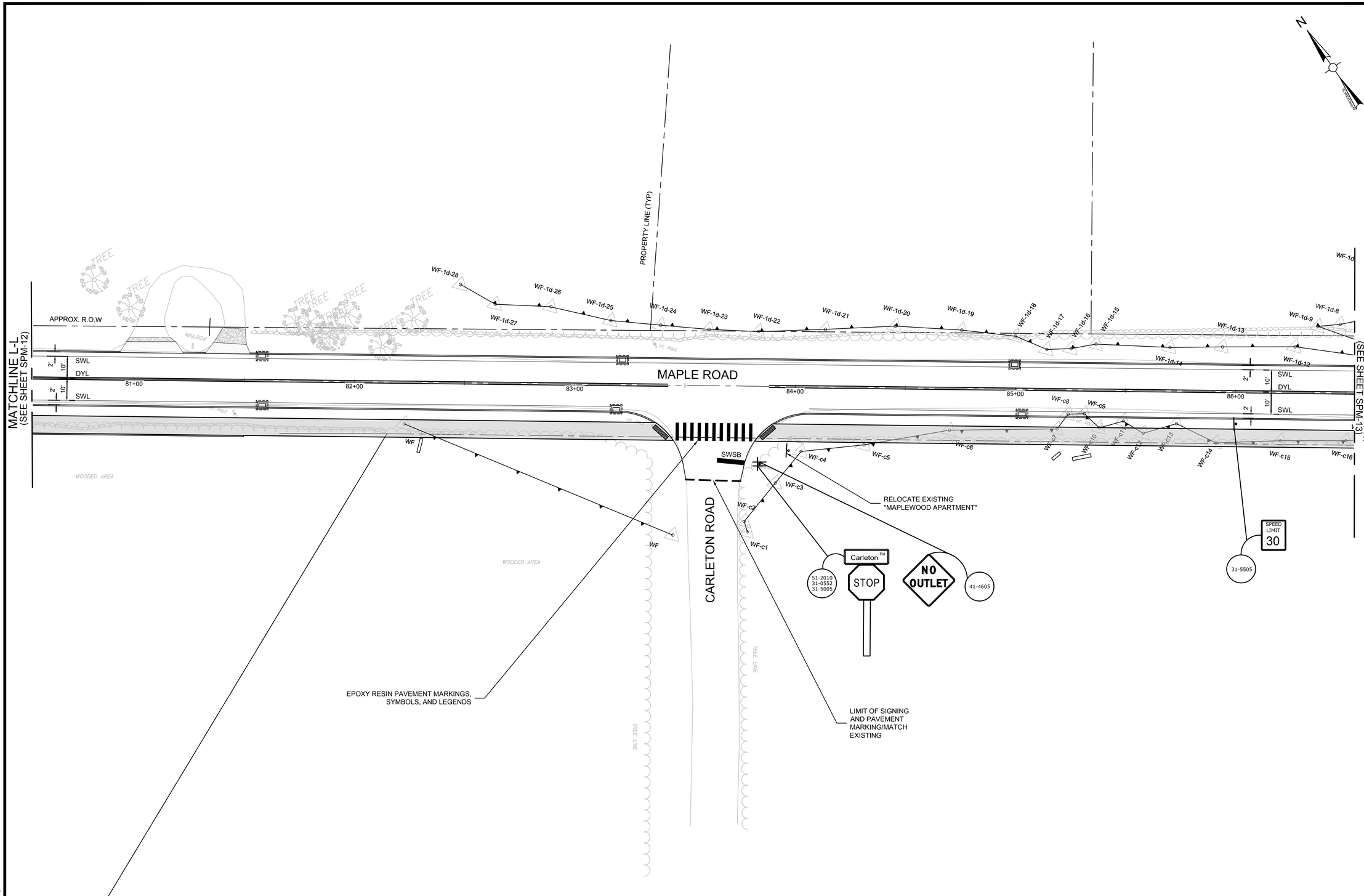
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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PATH

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W&S File No.:	

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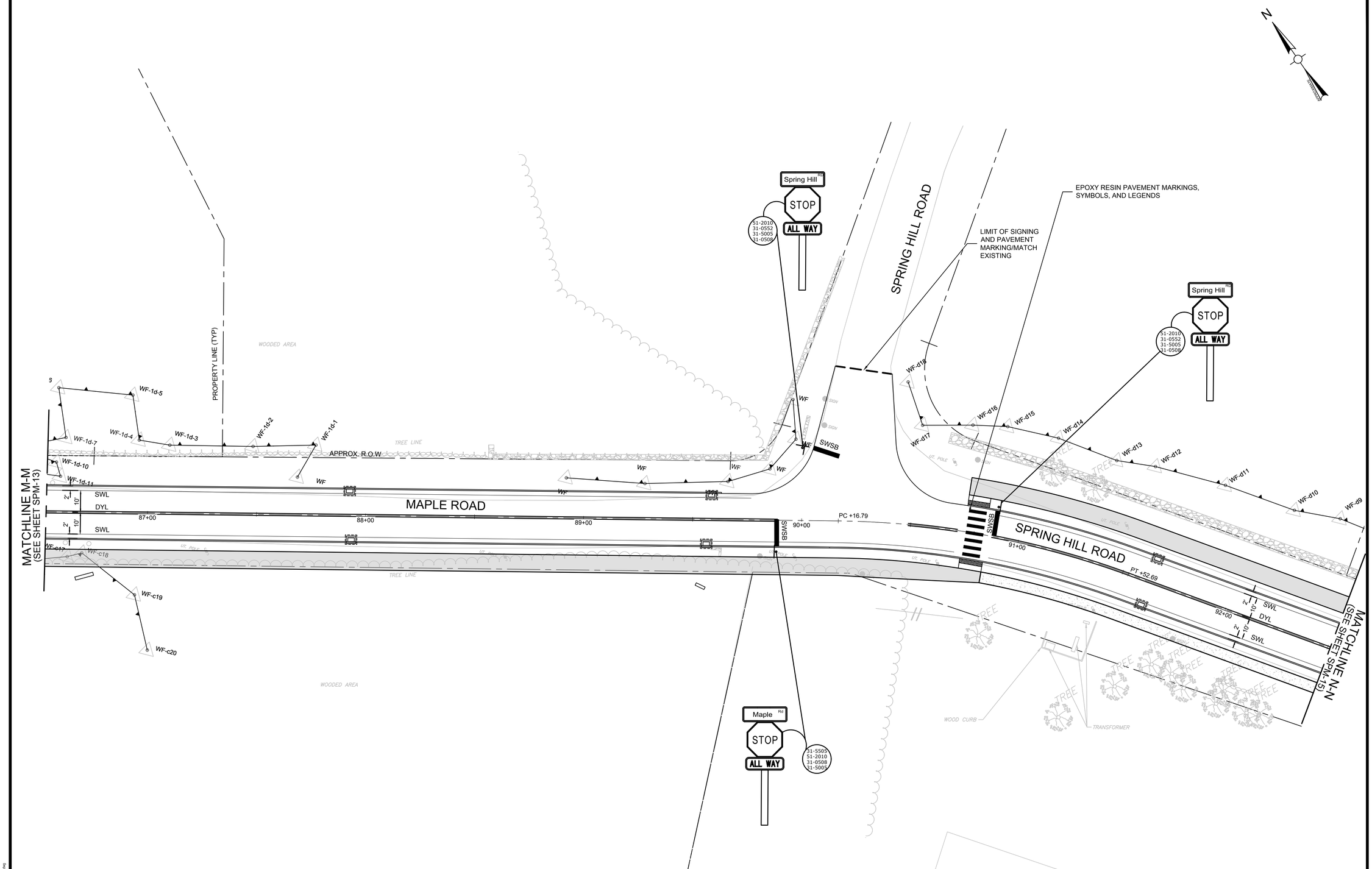
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PLAN
SCALE: 1"=20'

0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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W&S File No.:	

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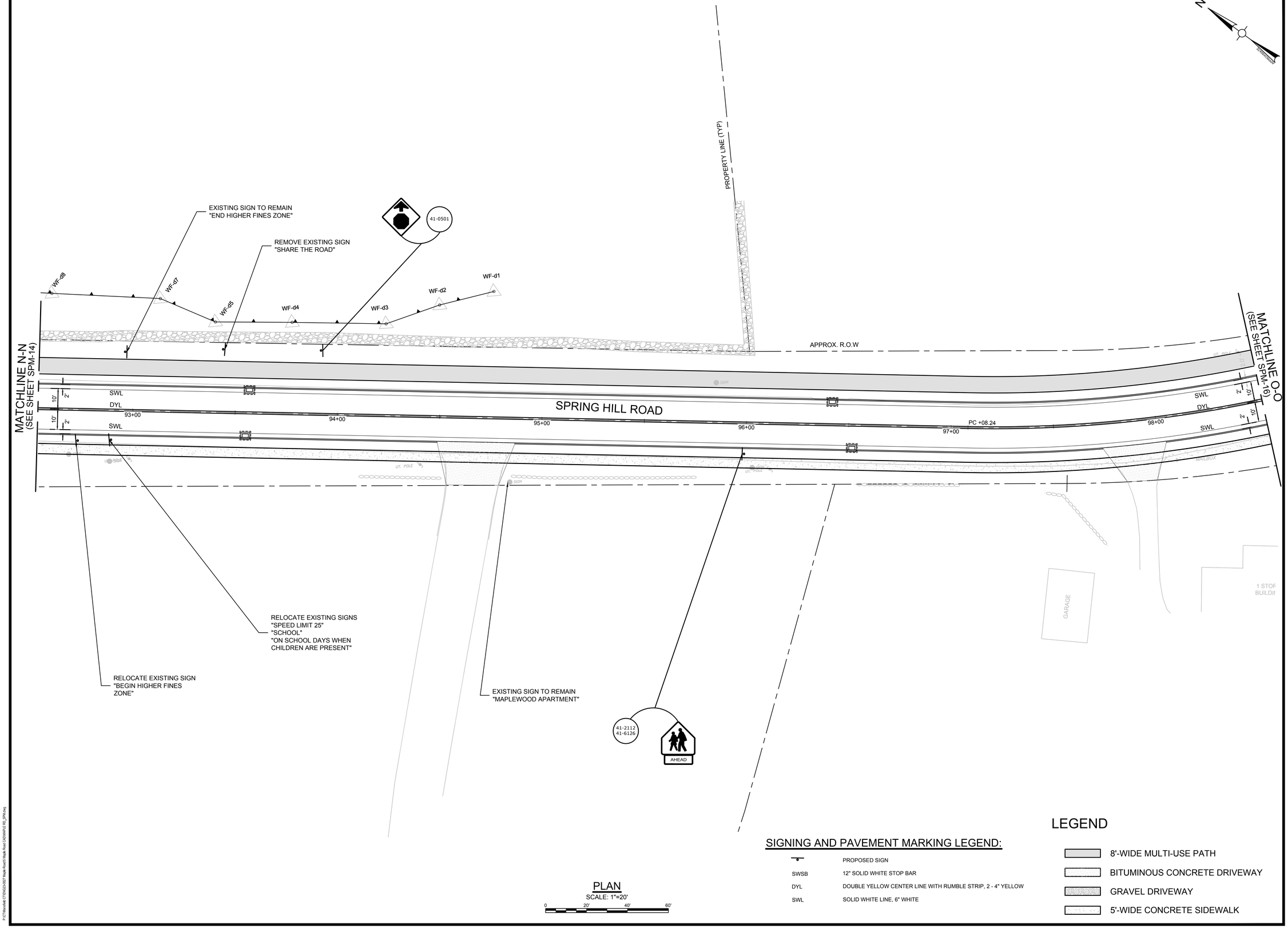
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PLAN
SCALE: 1"=20'

0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
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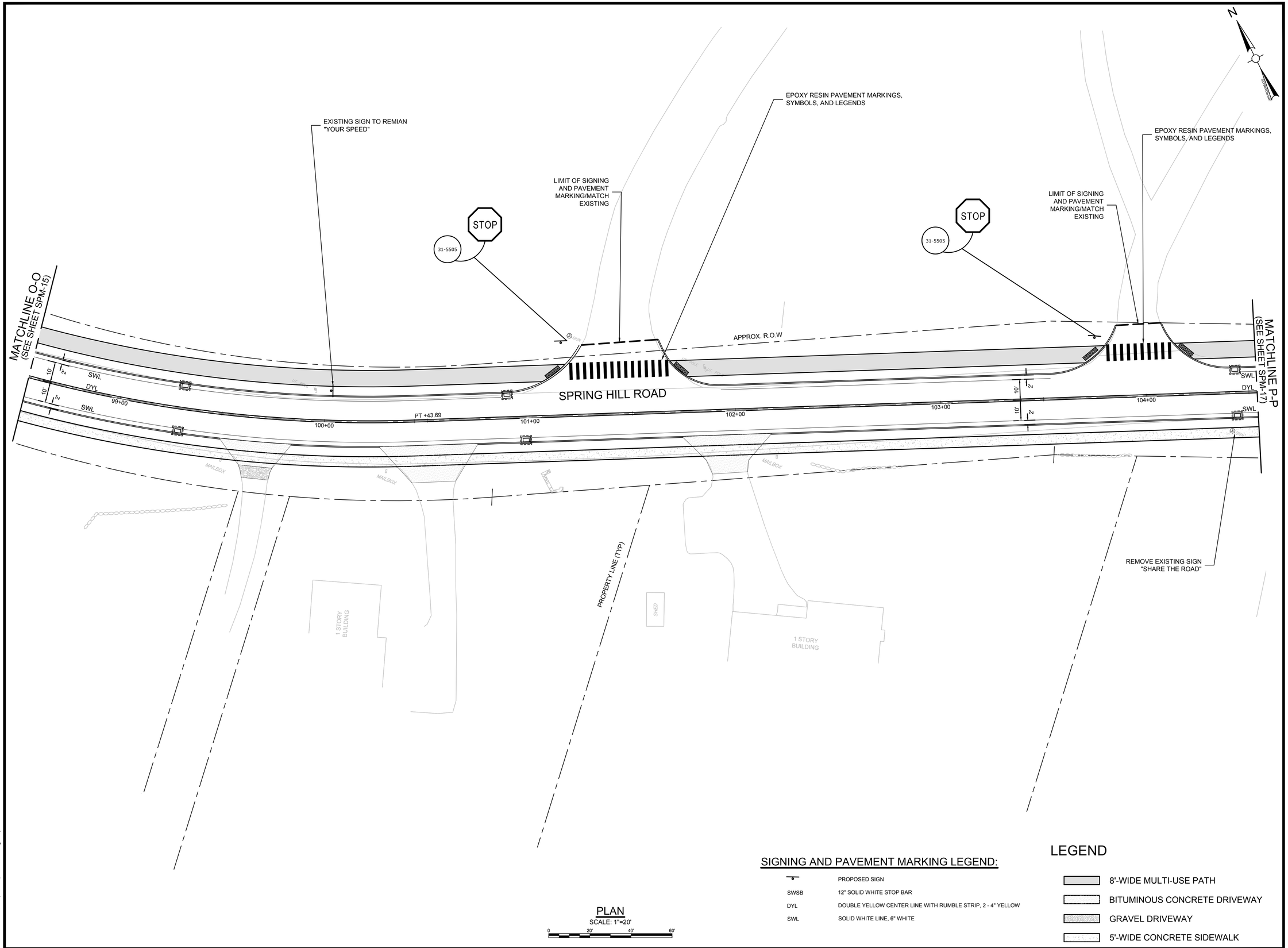
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
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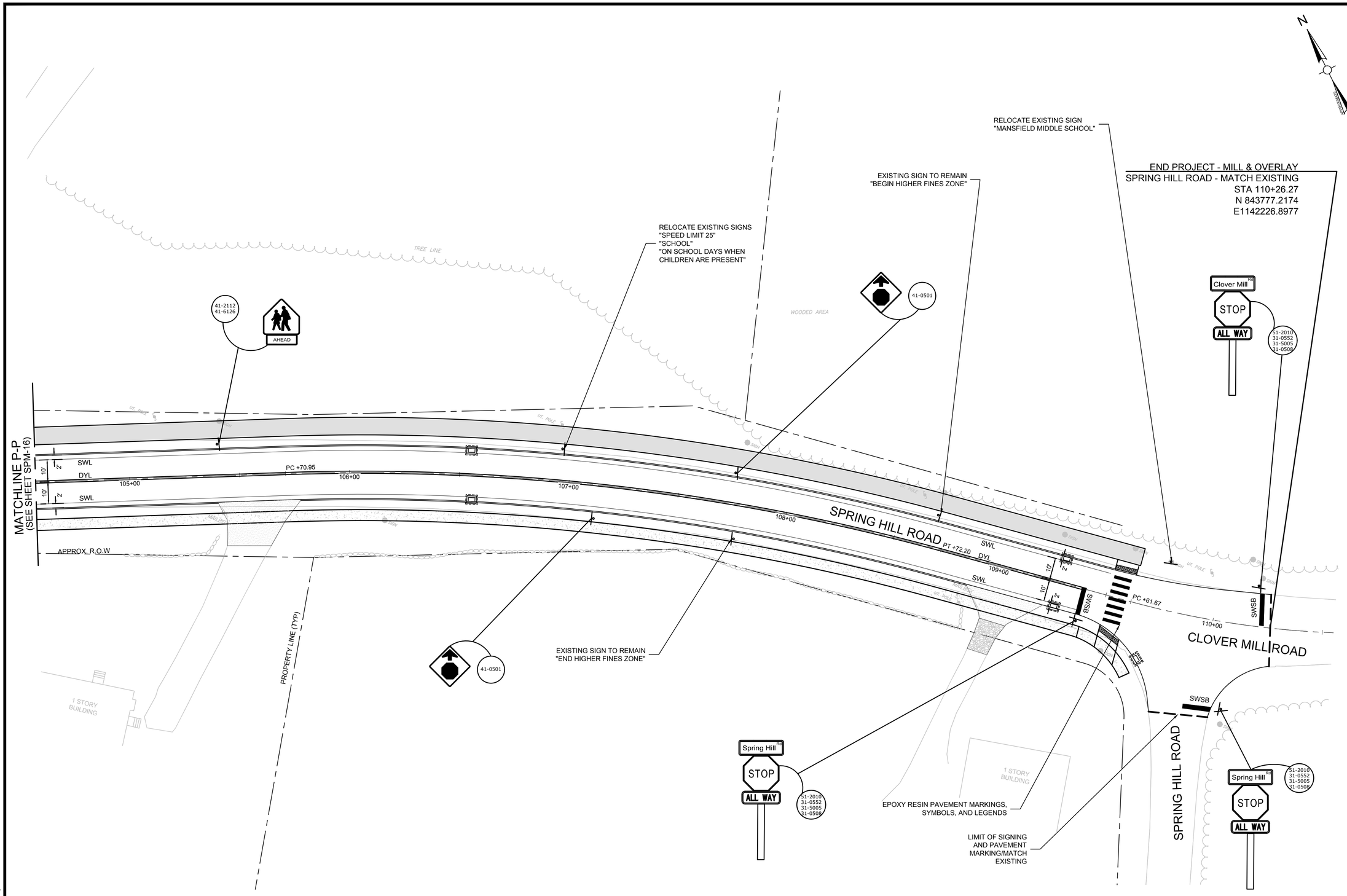
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PLAN
SCALE: 1"=20'
0 20' 40' 60'

SIGNING AND PAVEMENT MARKING LEGEND:

	PROPOSED SIGN
SWSB	12" SOLID WHITE STOP BAR
DYL	DOUBLE YELLOW CENTER LINE WITH RUMBLE STRIP, 2 - 4" YELLOW
SWL	SOLID WHITE LINE, 6" WHITE

LEGEND

- 8'-WIDE MULTI-USE PATH
- BITUMINOUS CONCRETE DRIVEWAY
- GRAVEL DRIVEWAY
- 5'-WIDE CONCRETE SIDEWALK

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

SIGNING AND PAVEMENT MARKING

Sheet Number:

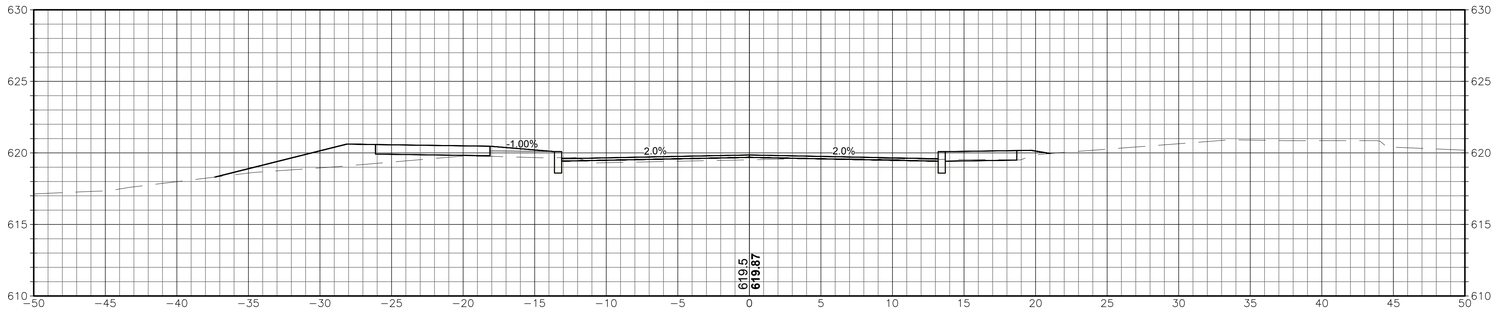
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Rev. 1.8 Date: 04/10/2019

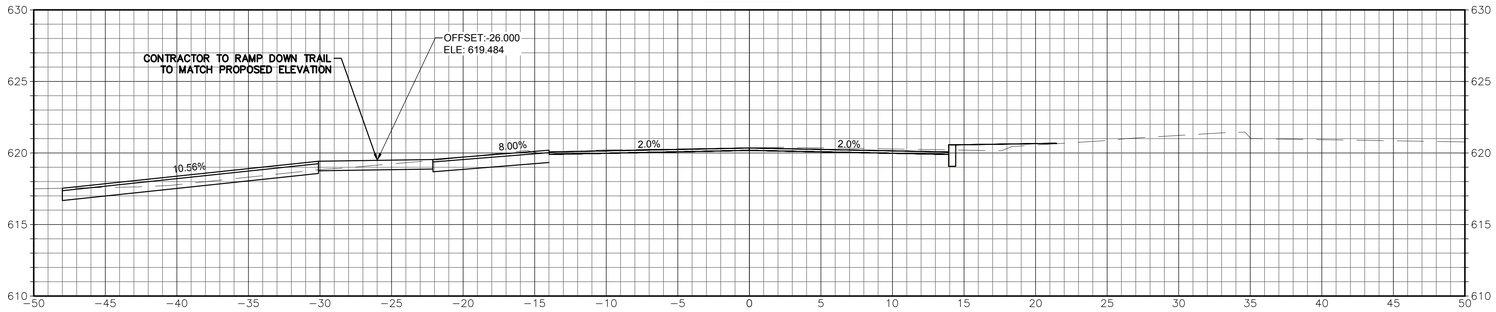
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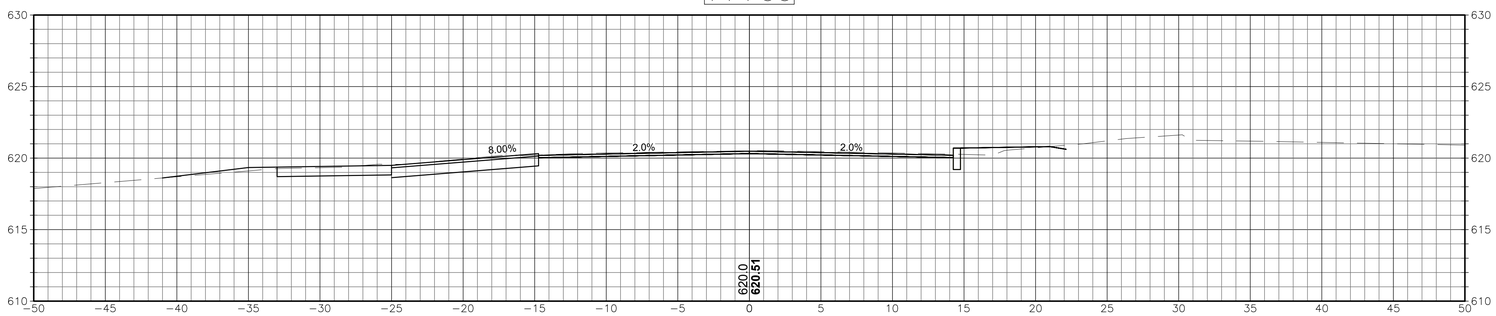
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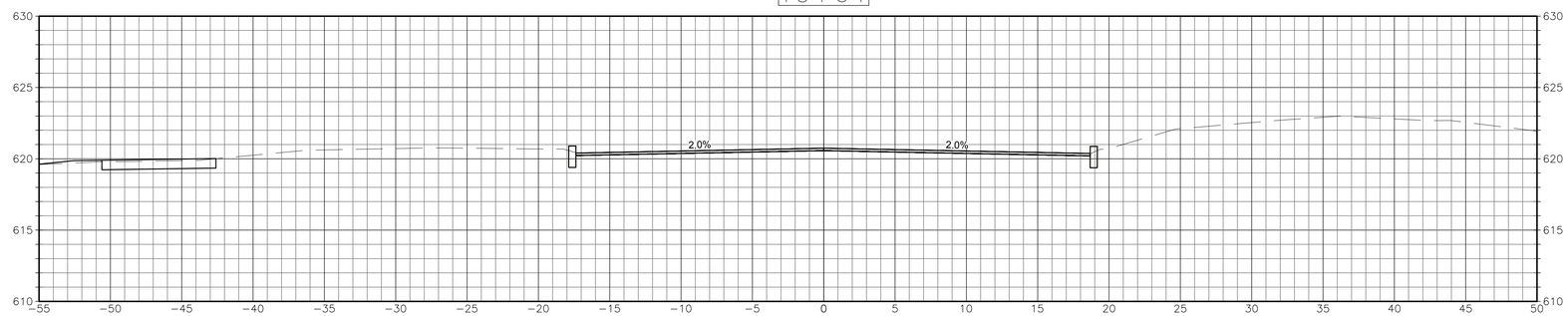
11+10



11+00



10+64



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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W&S File No.:	

Drawing Title:

CROSS SECTIONS

Sheet Number:

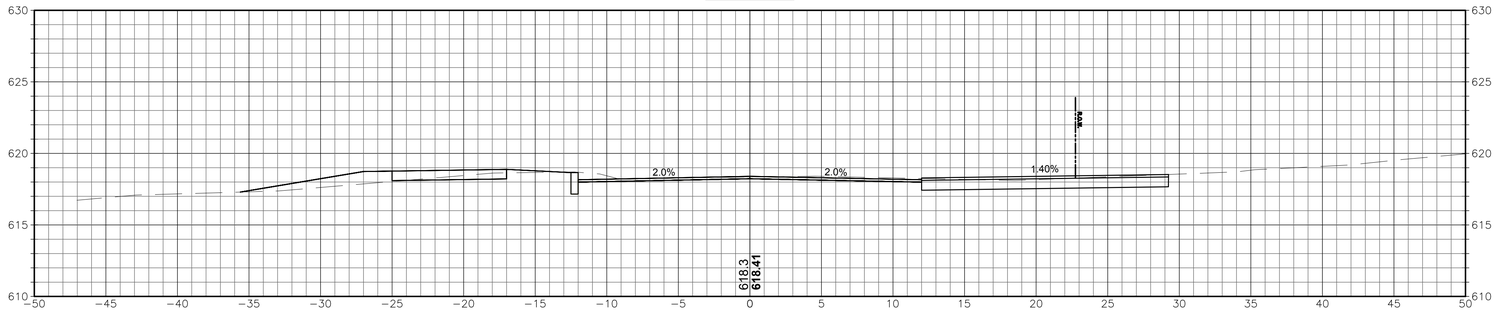
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Rev. 1.8 Date: 04/10/2019

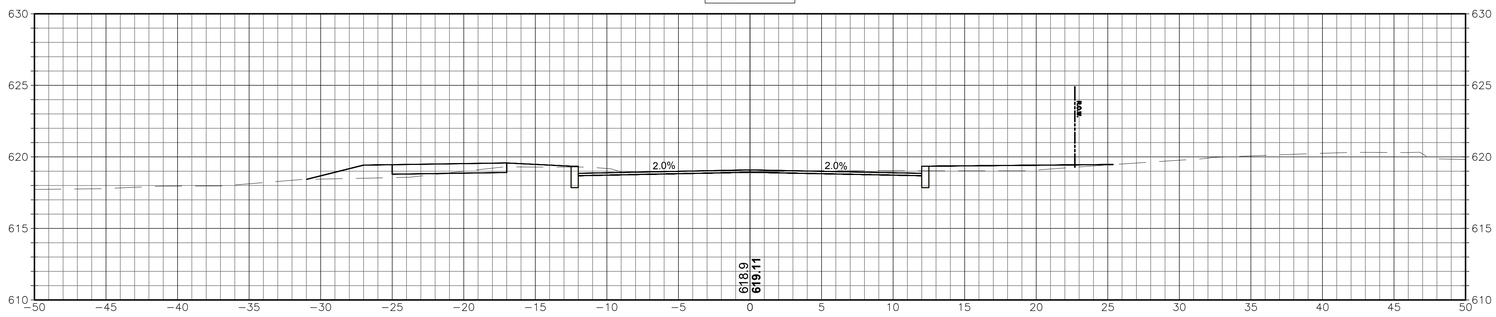
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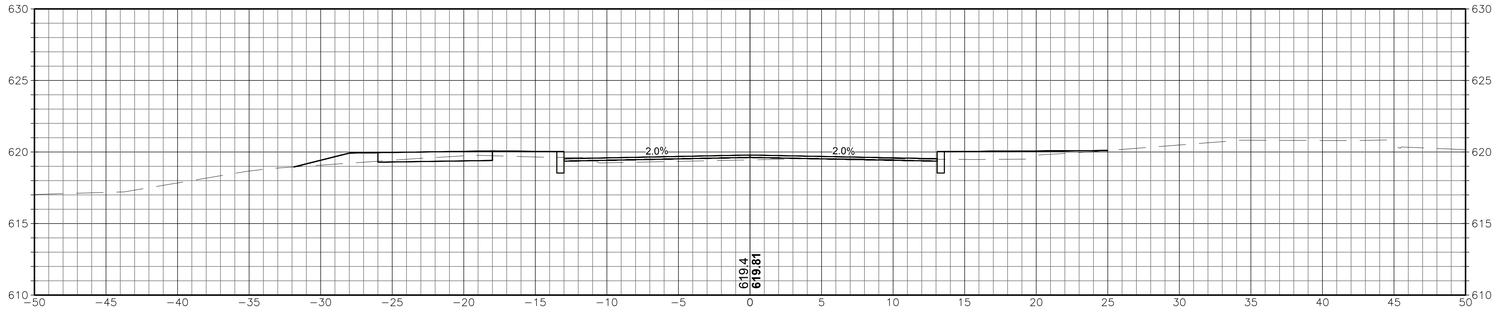
12+50



12+00



11+50



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
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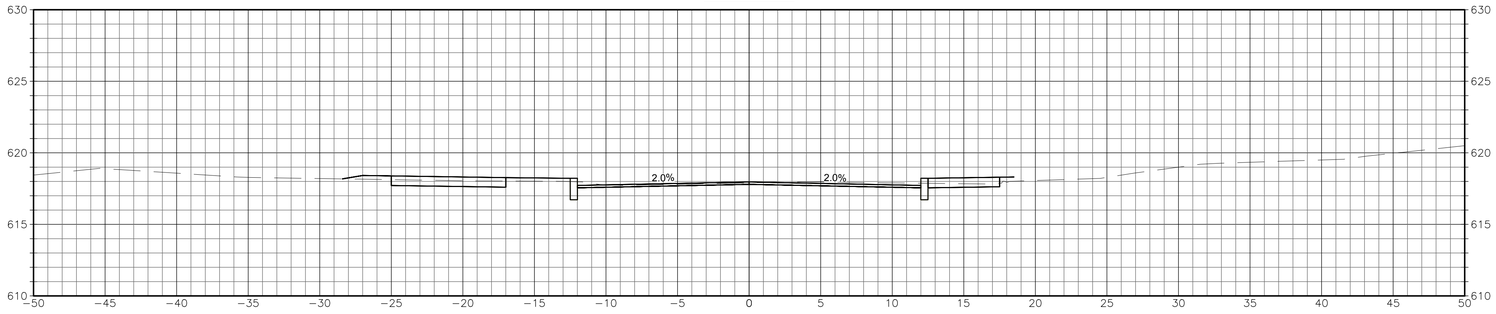
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Rev: 1.6 Date: 04/10/2019

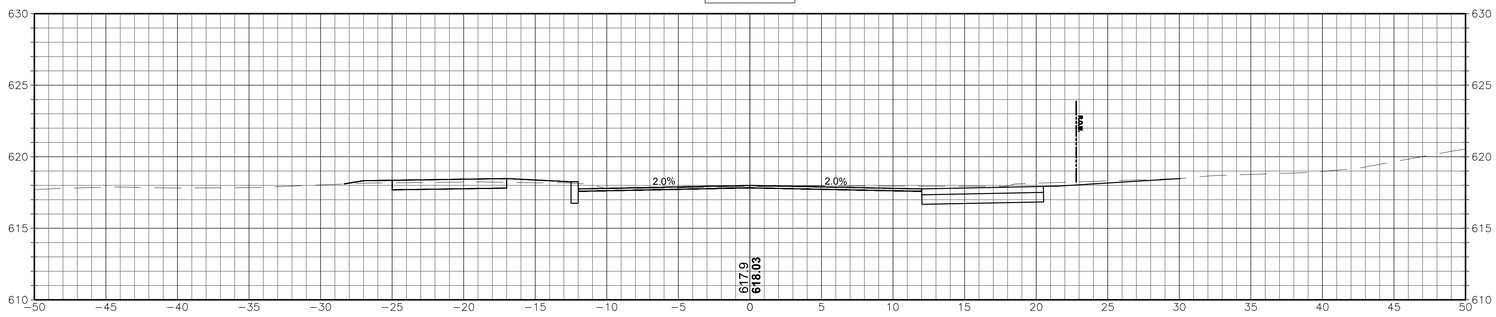
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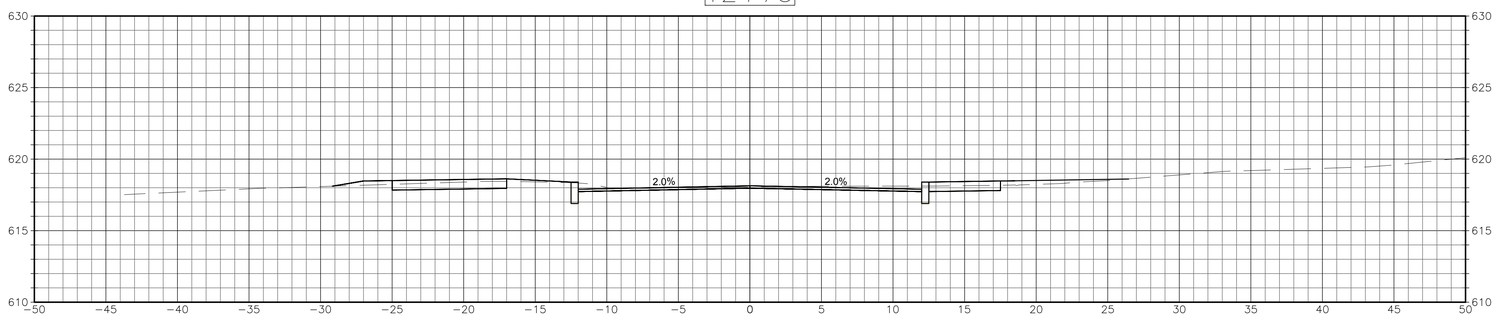
13+25



13+00



12+75



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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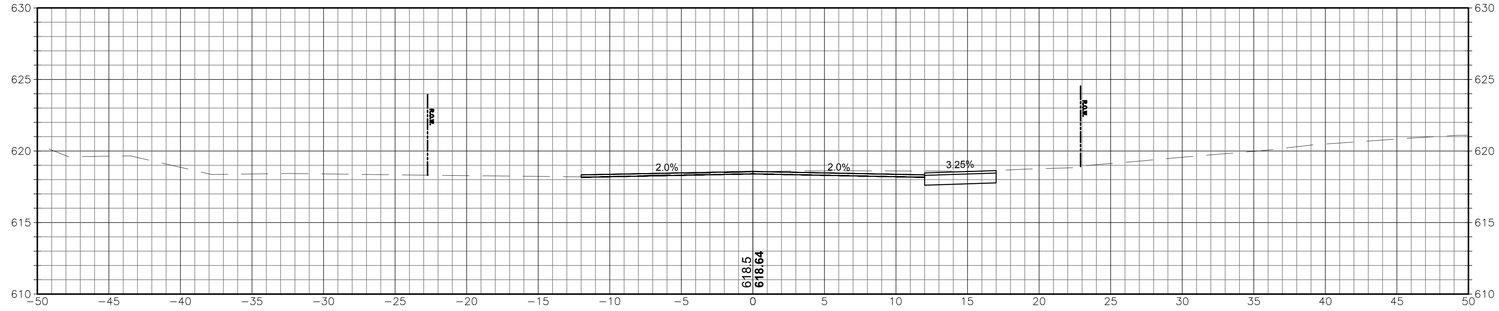
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Rev. 1.6 Date: 04/10/2019

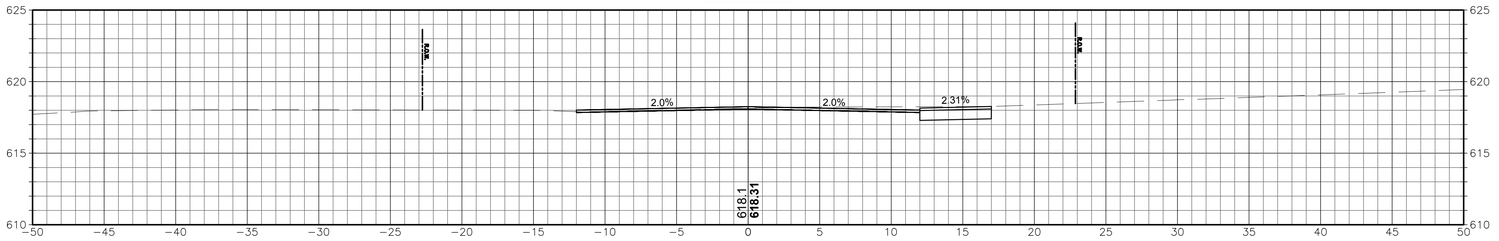
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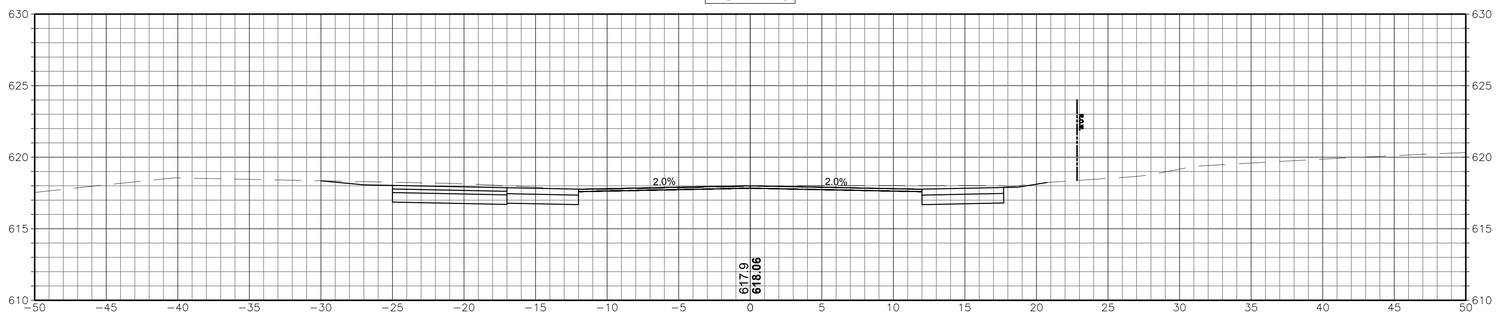
14+00



13+75



13+40



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
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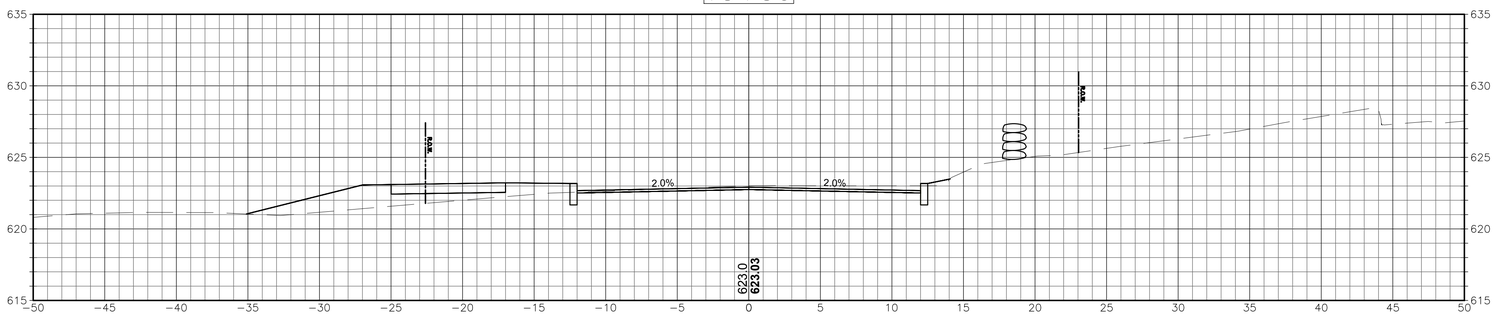
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Rev: 1.6 Date: 04/10/2019

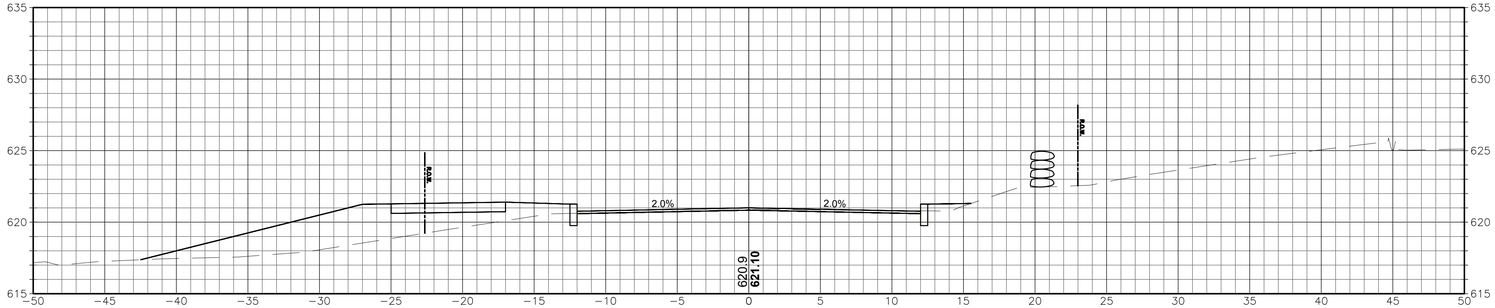
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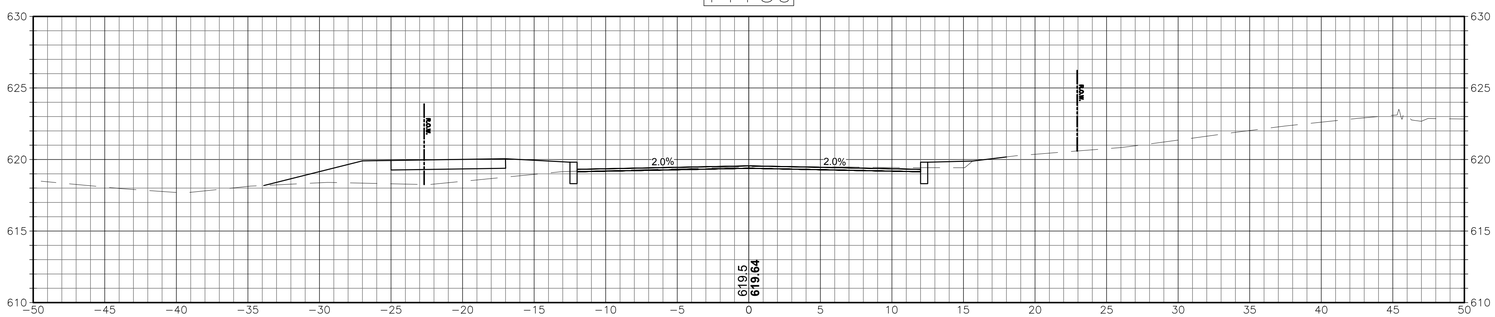
15+50



15+00



14+50



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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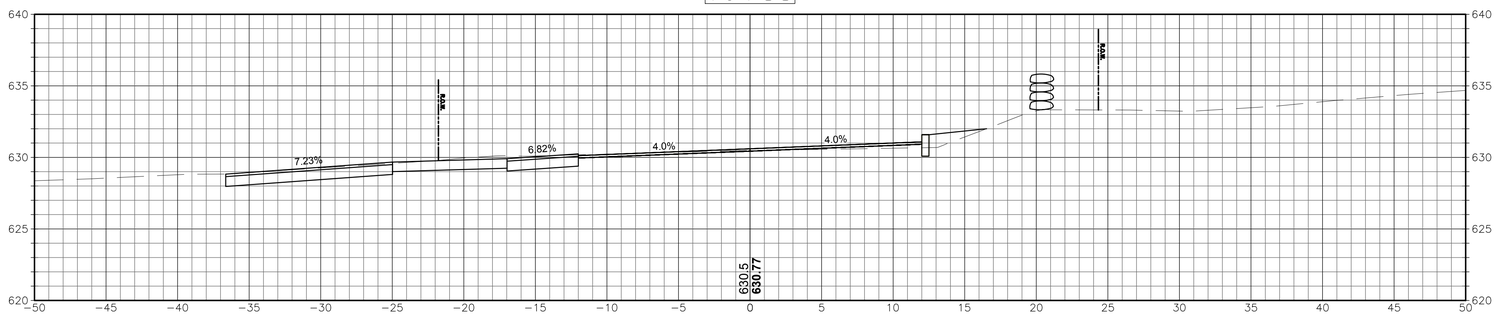
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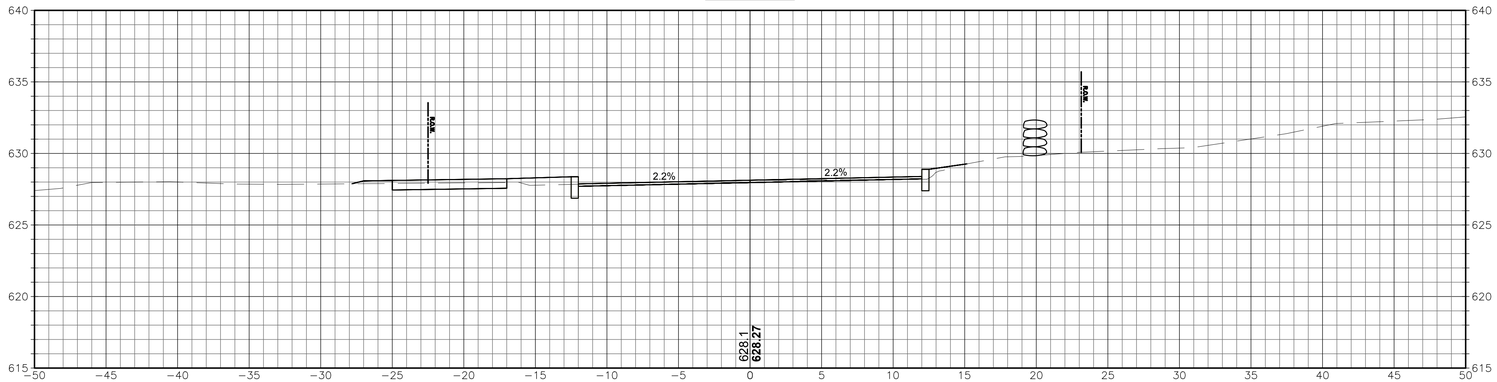
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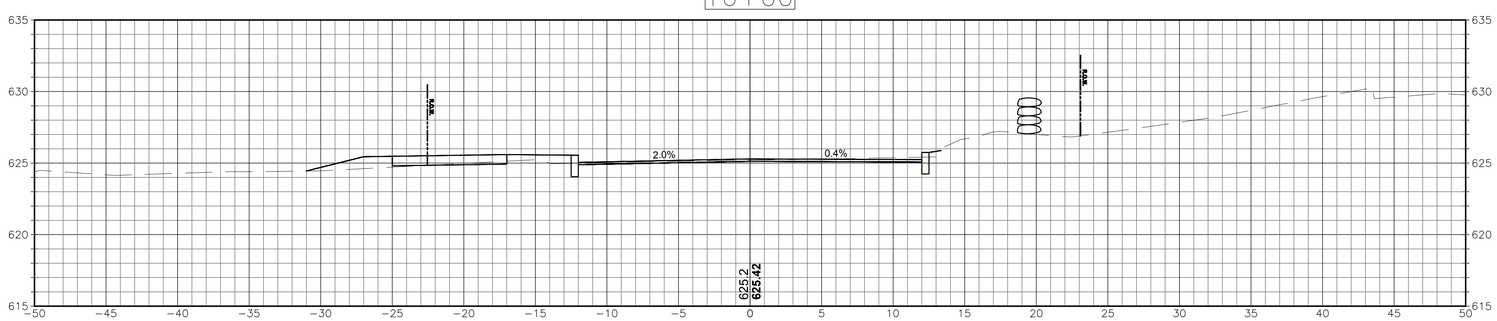
16+88



16+50



16+00



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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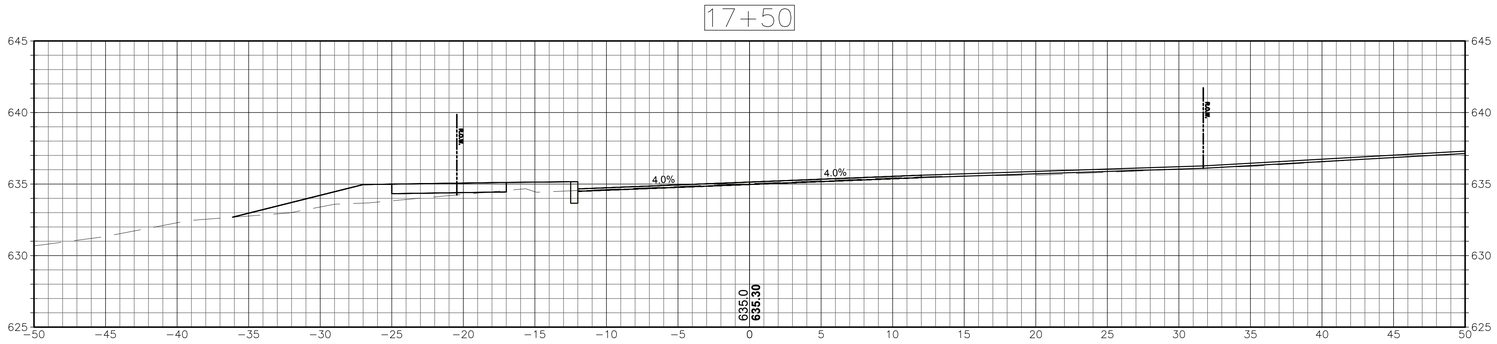
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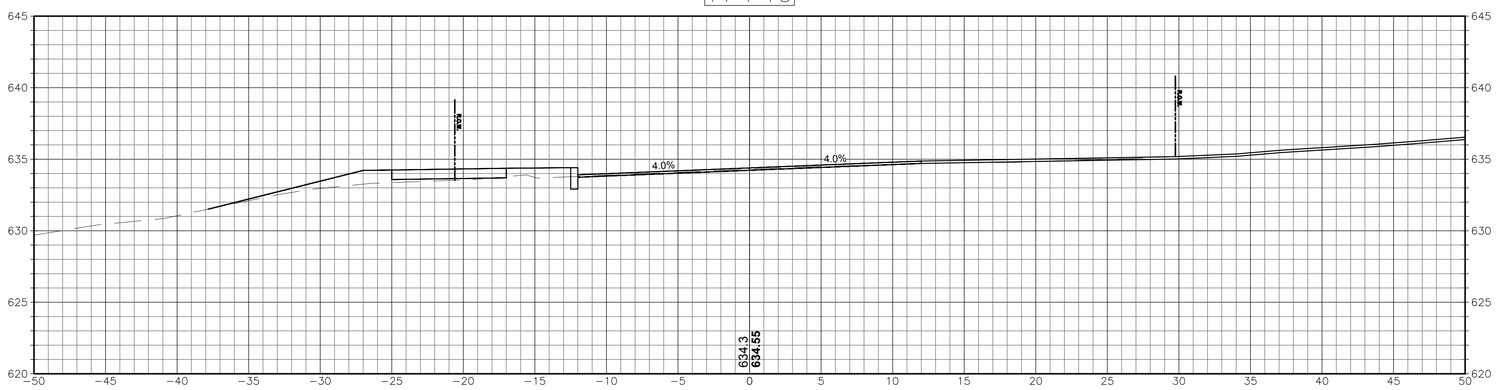
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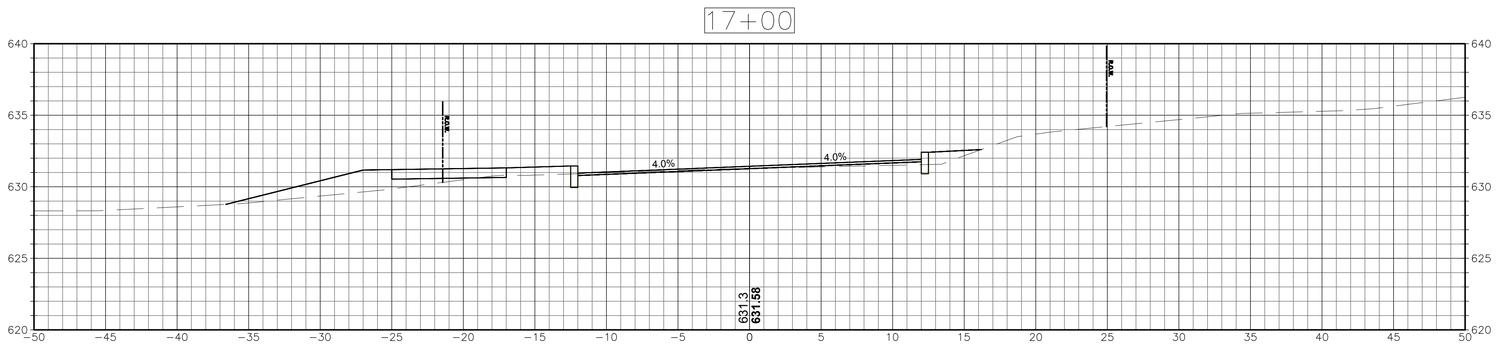
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CROSS SECTIONS
SCALE 1"=5'

Project:

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COMPLETE STREETS
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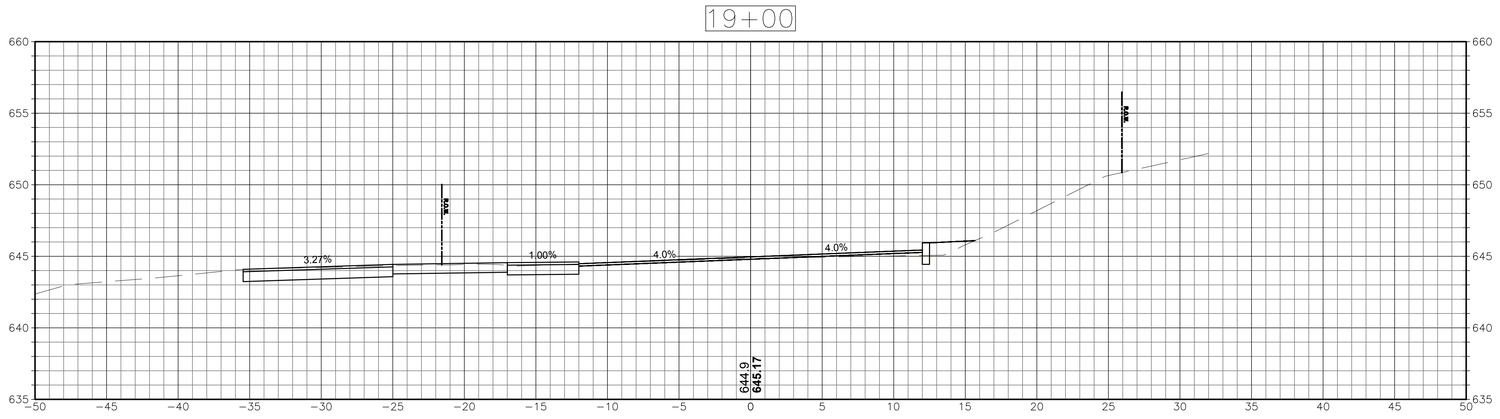
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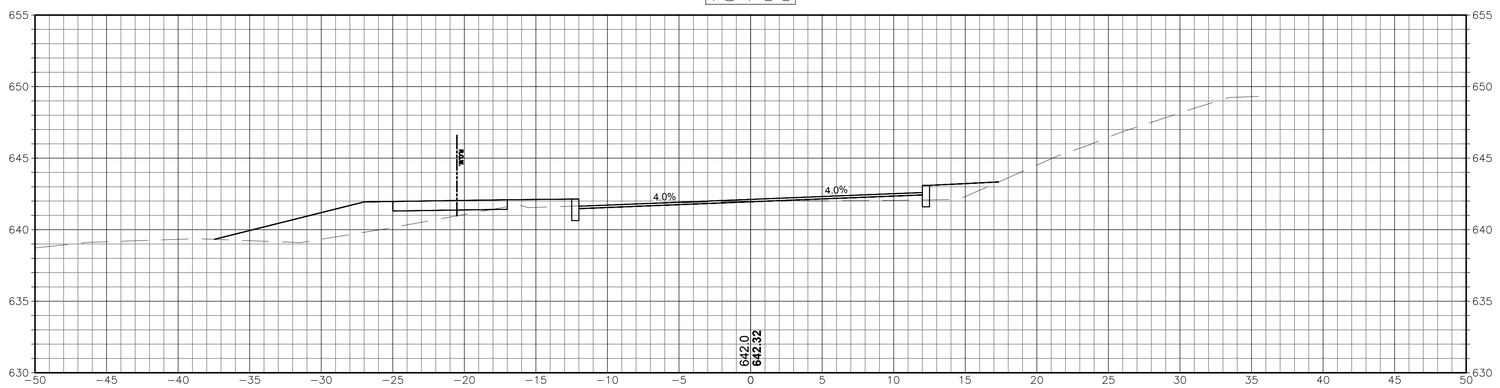
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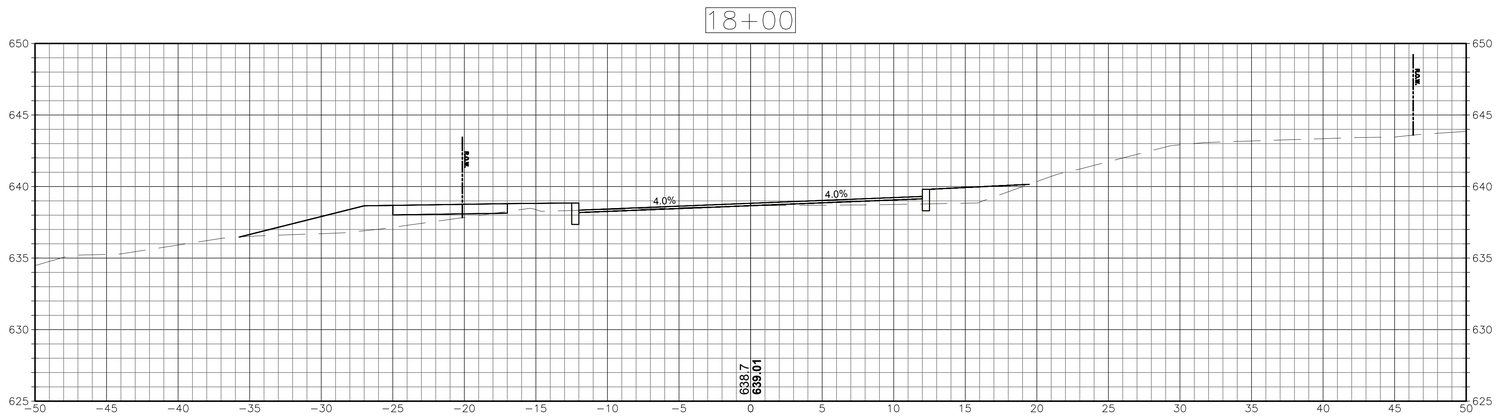
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CROSS SECTIONS
SCALE 1"=5'

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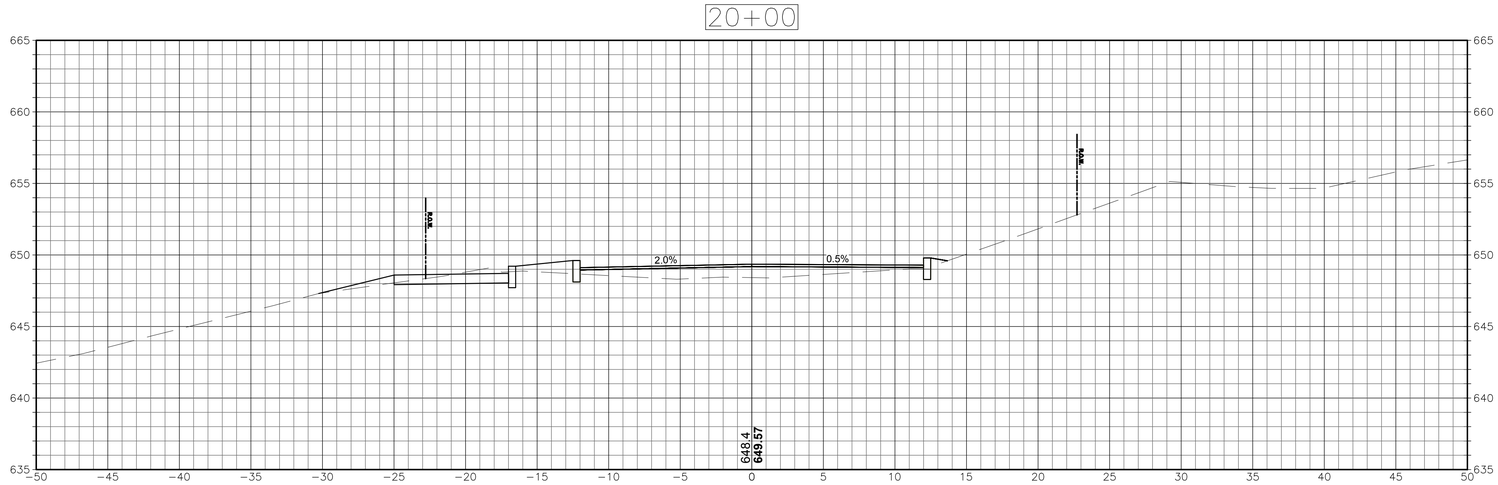
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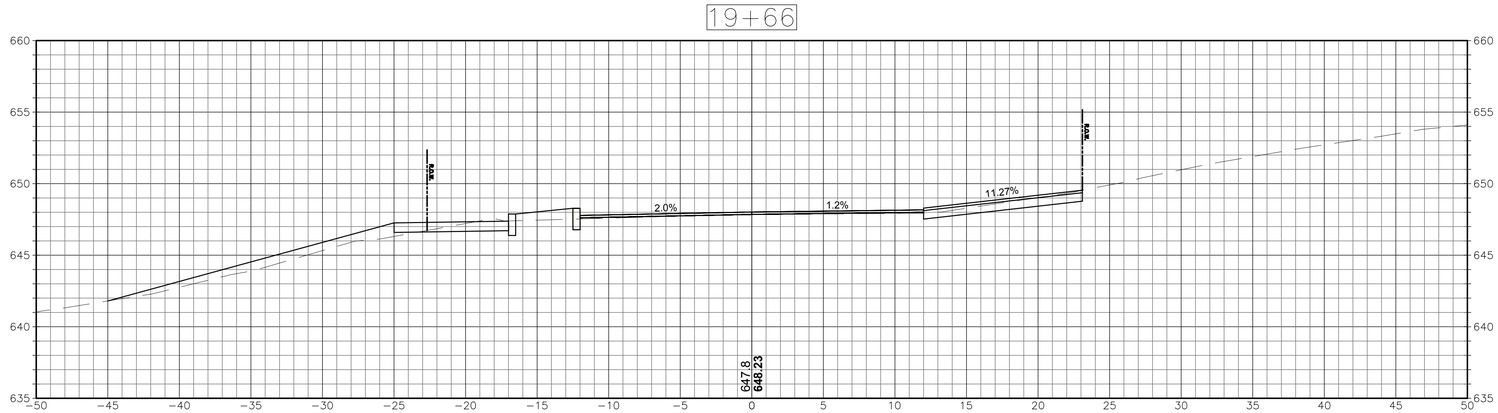
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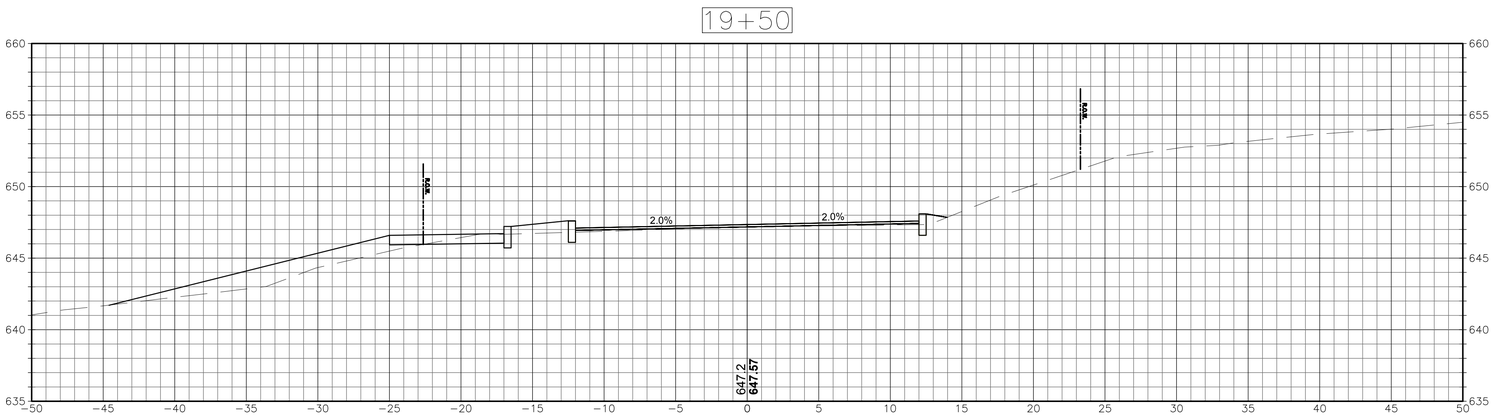
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CROSS SECTIONS
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Project:

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COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

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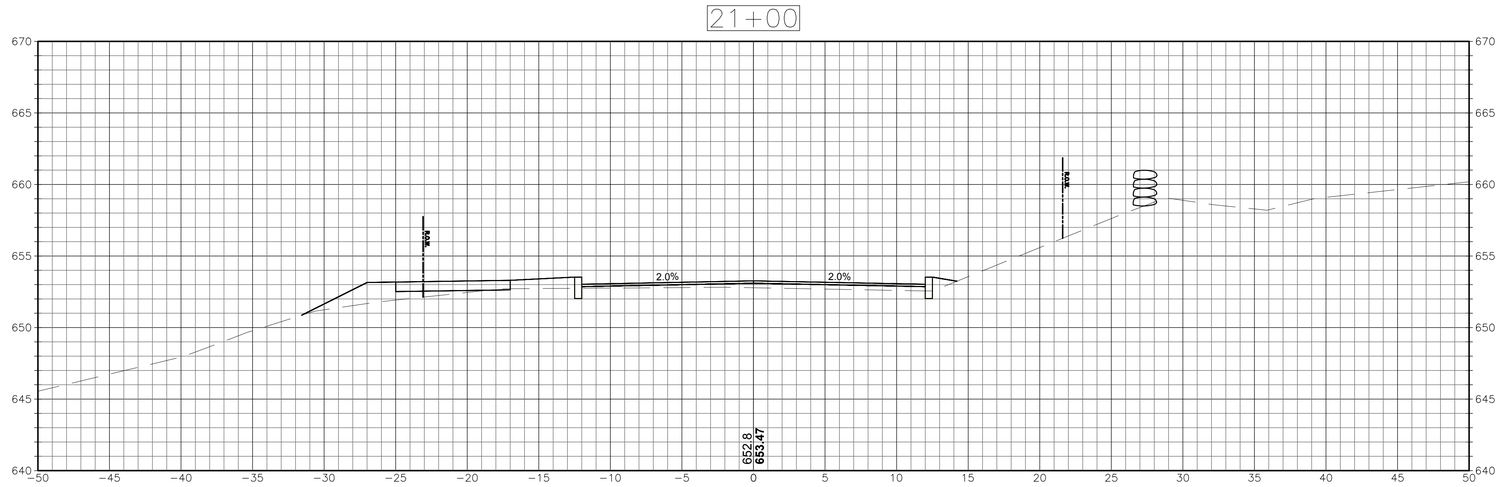
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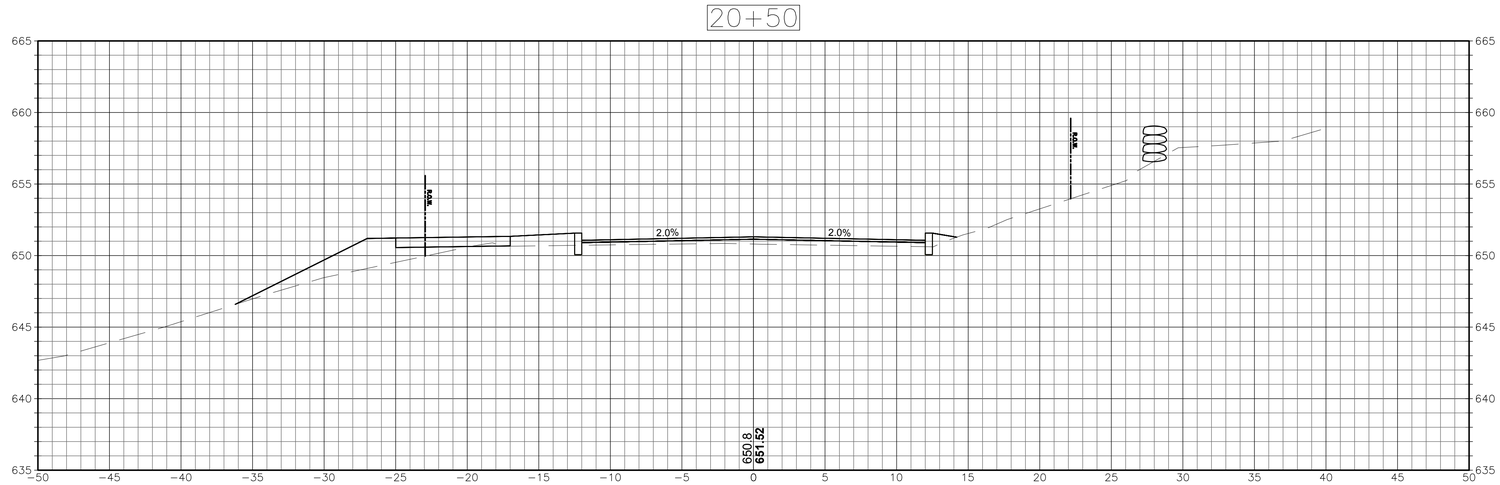
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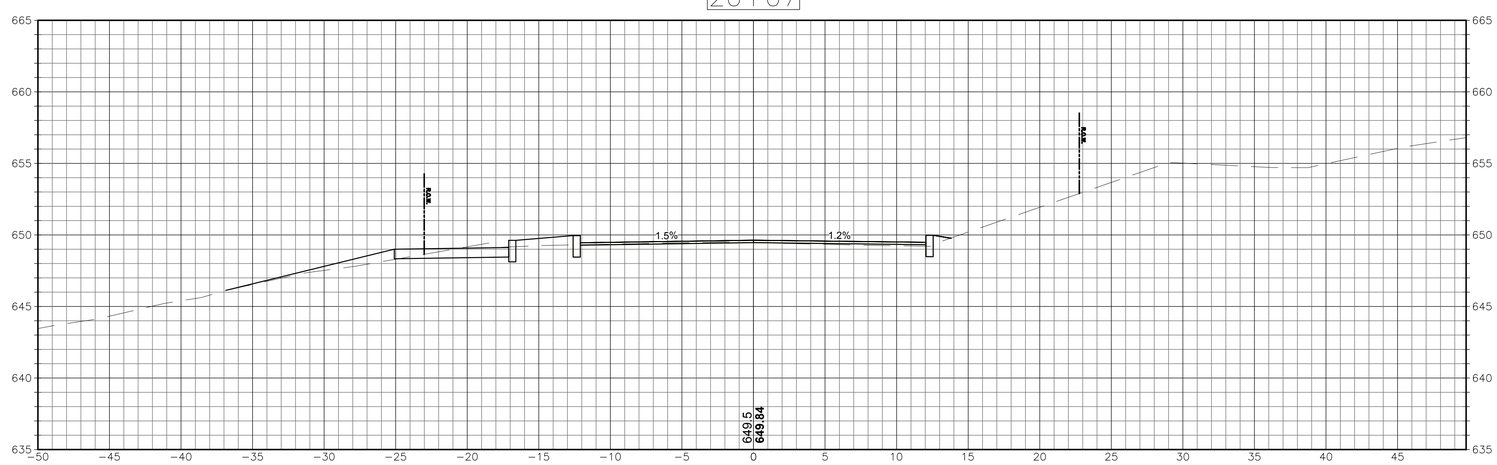
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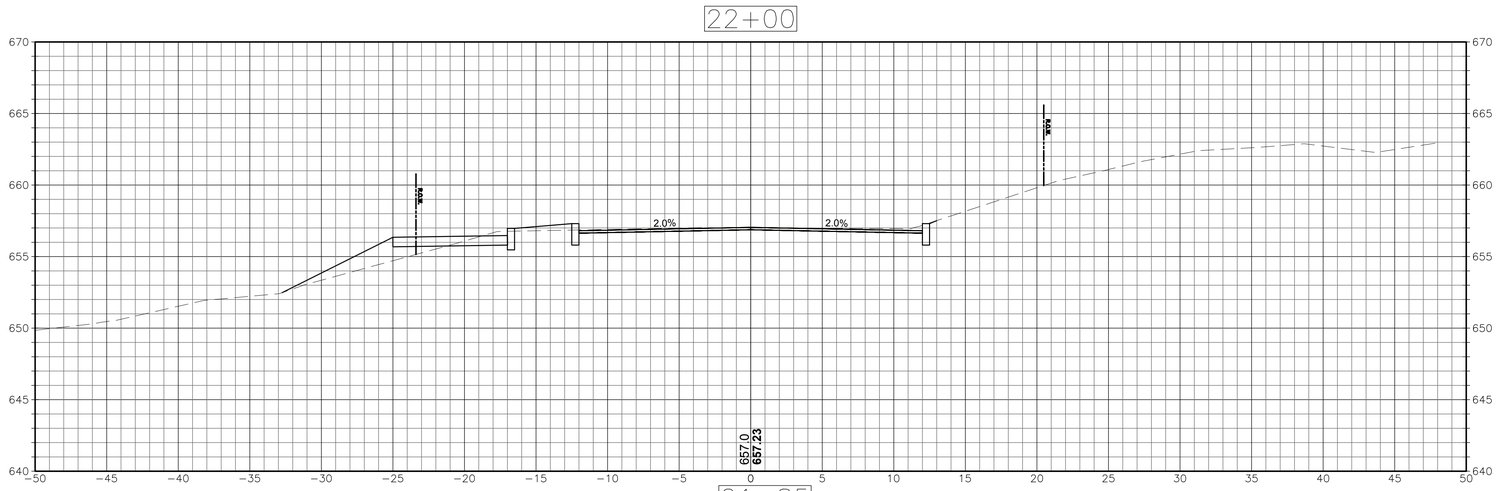
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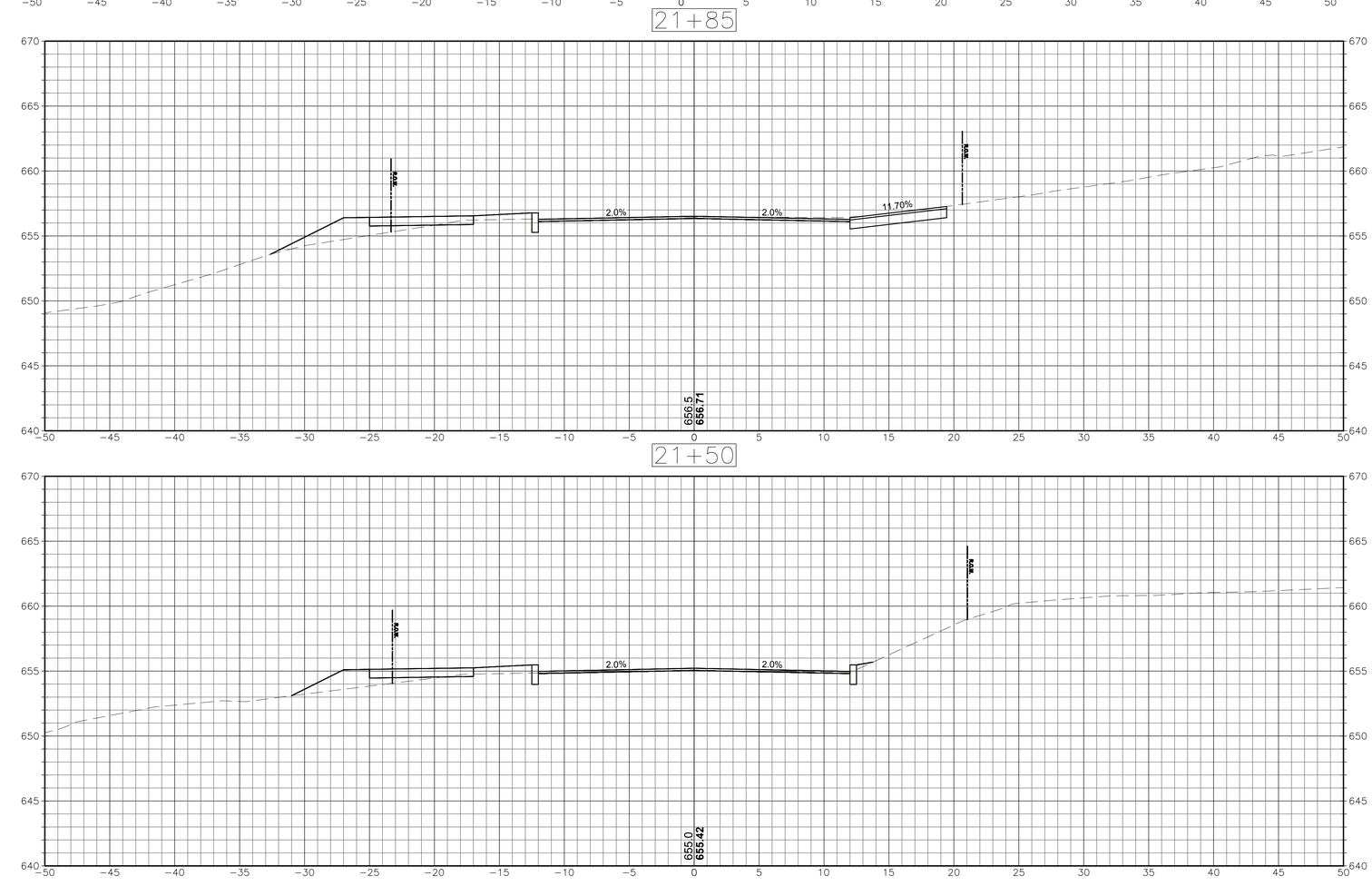
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CROSS SECTIONS
SCALE 1"=5'

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W&S File No.:	

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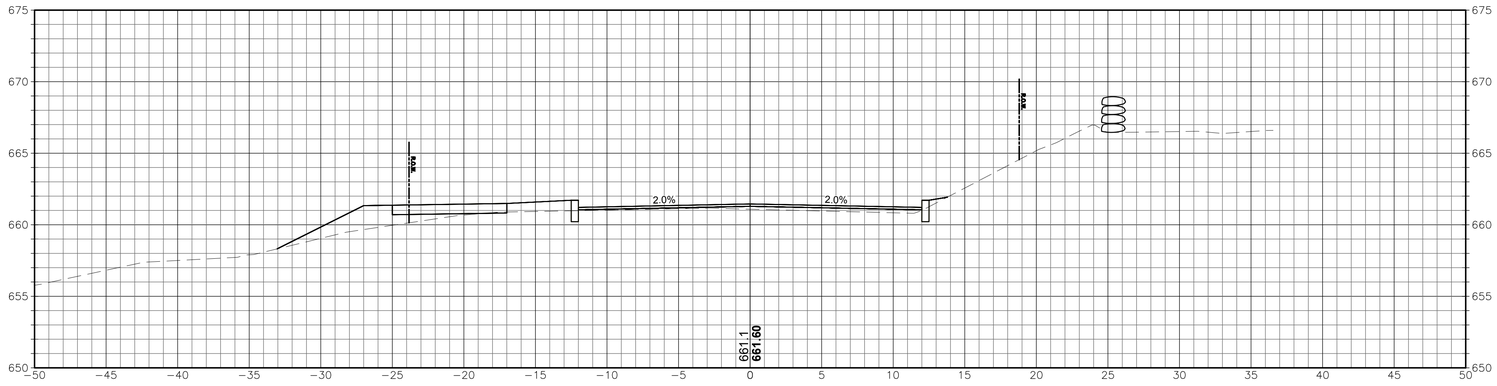
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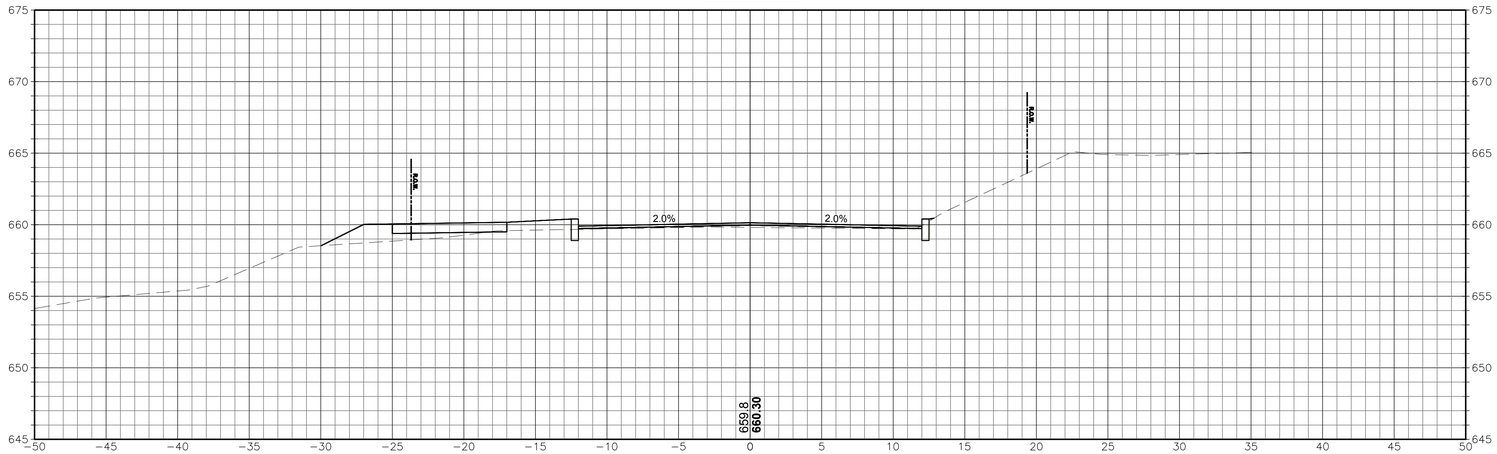
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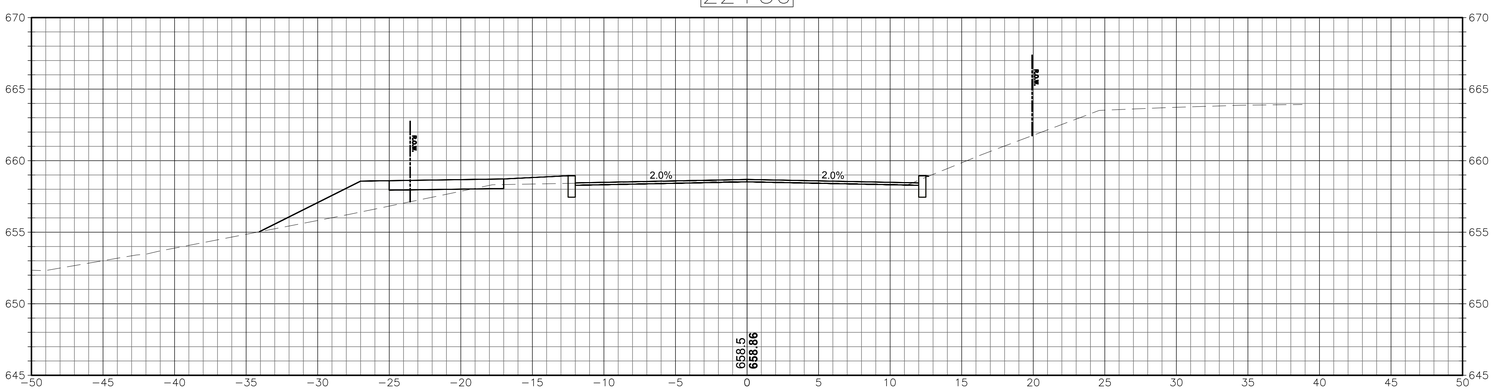
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23+00



22+50



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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W&S File No.:	

Drawing Title:

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Sheet Number:

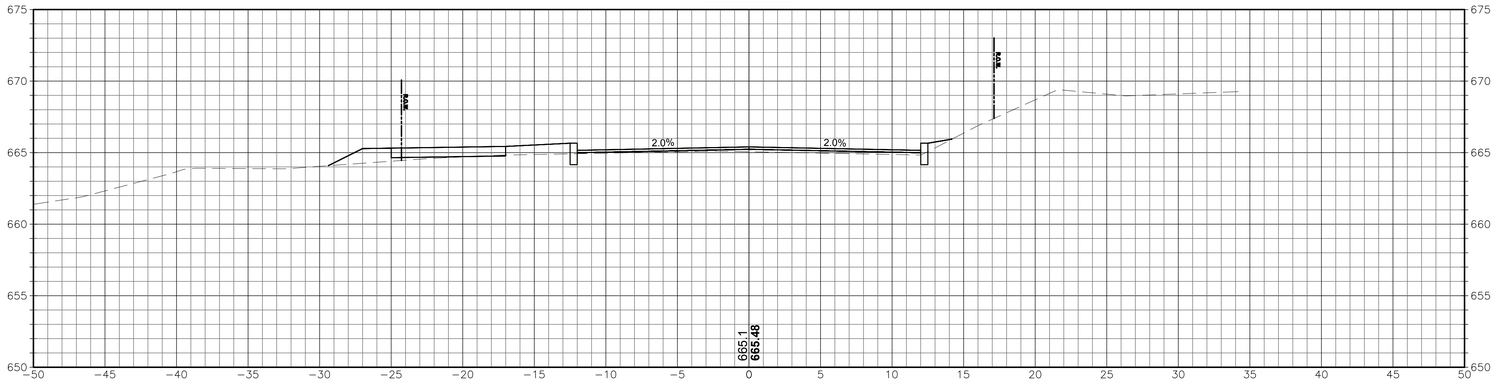
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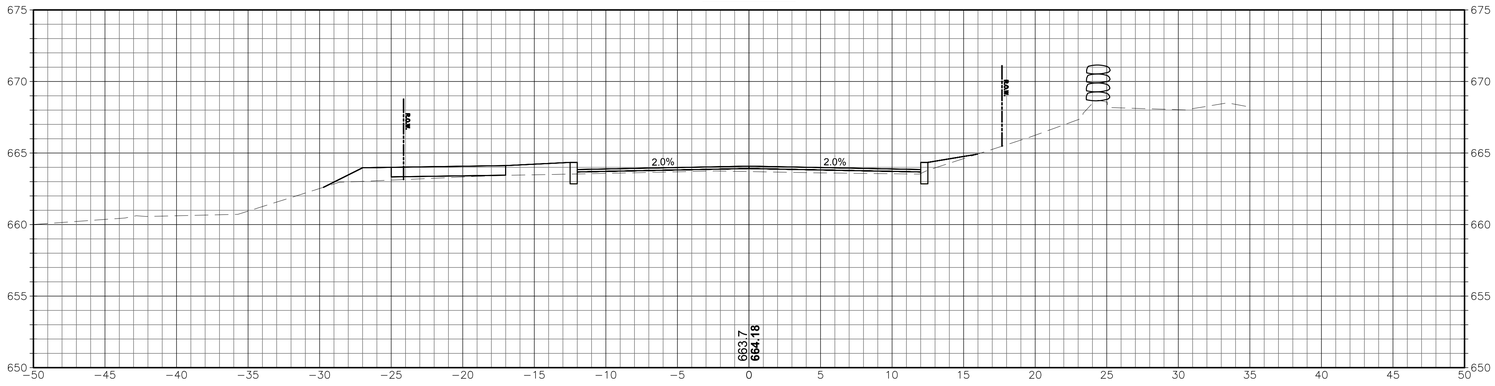
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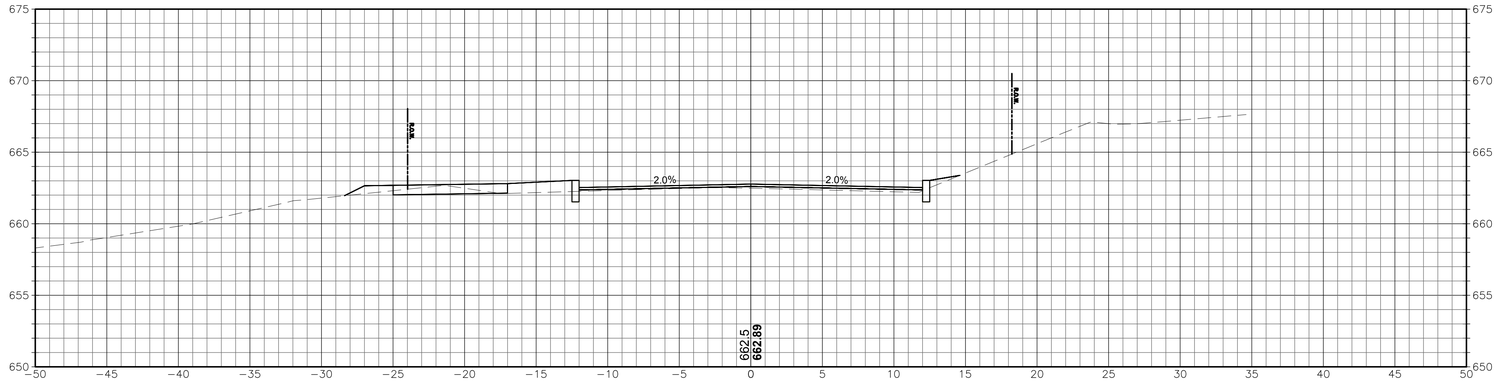
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24+50



24+00



CROSS SECTIONS

SCALE 1"=5'

Project:

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W&S File No.:	

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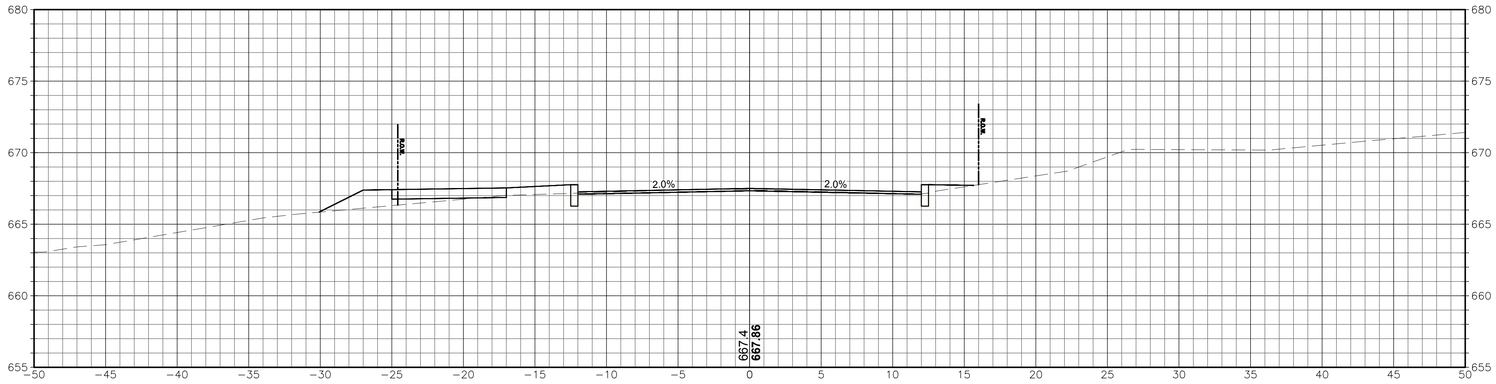
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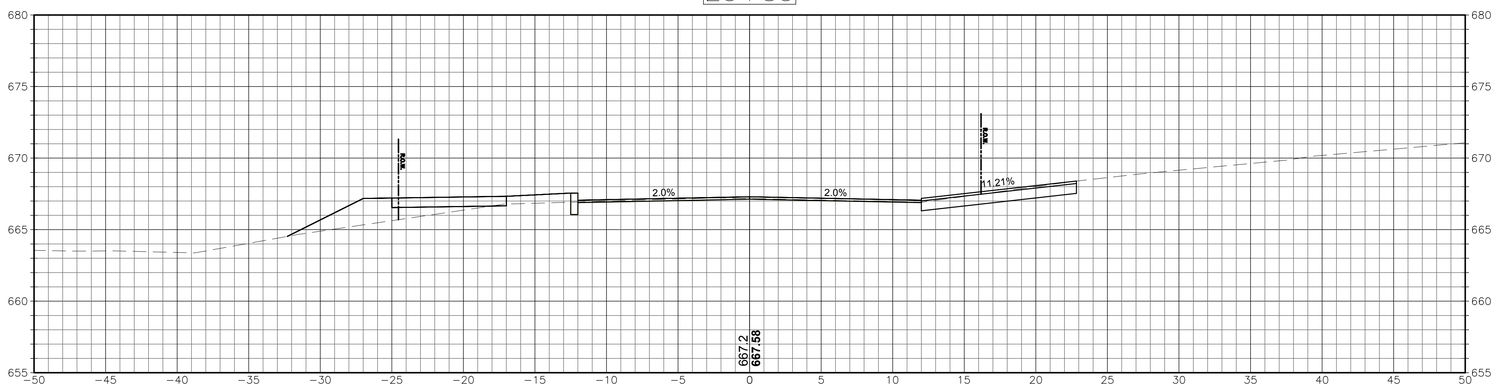
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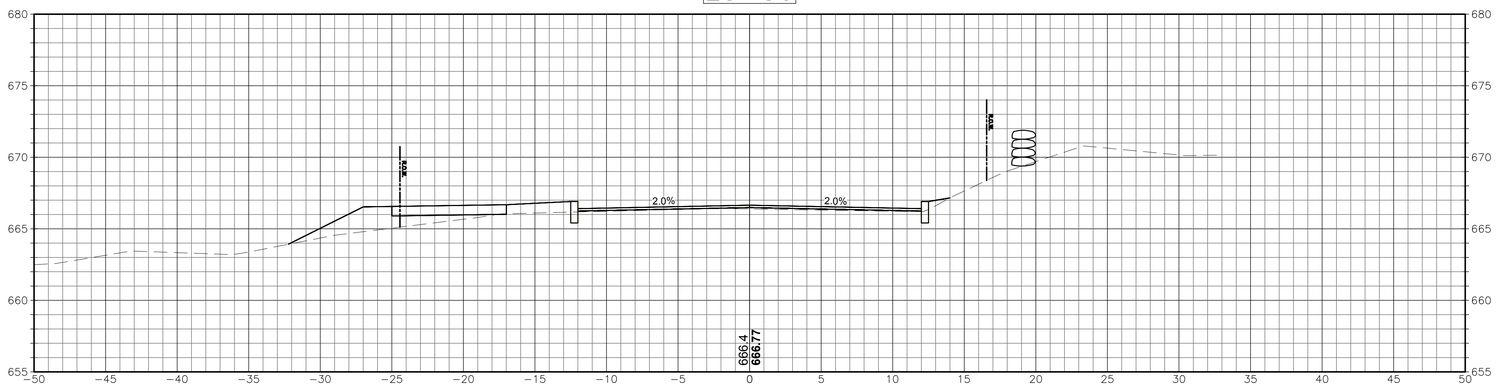
26+00



25+85



25+50



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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Drawing Title:

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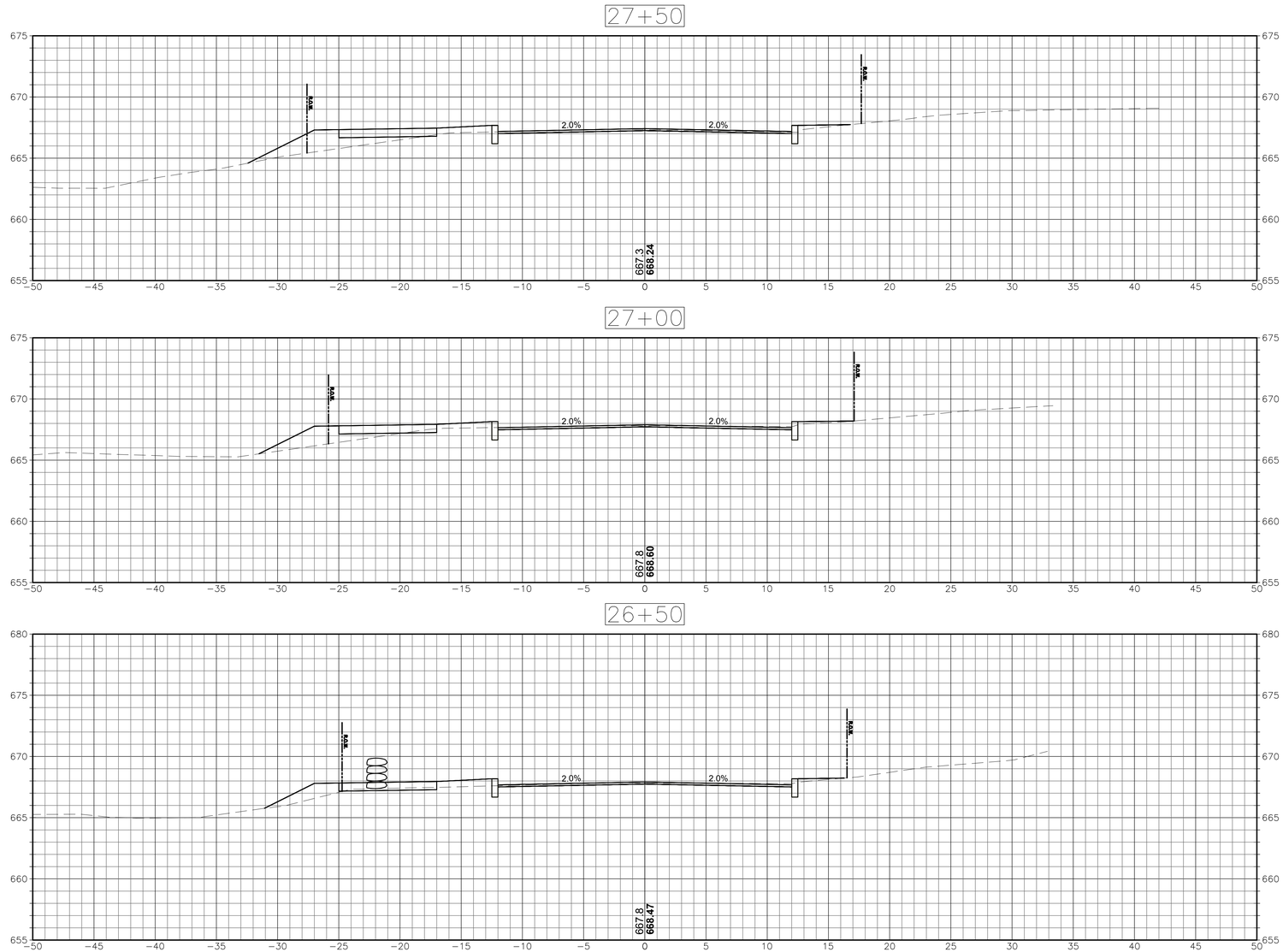
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SCALE 1"=5'

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W&S File No.:	

Drawing Title:

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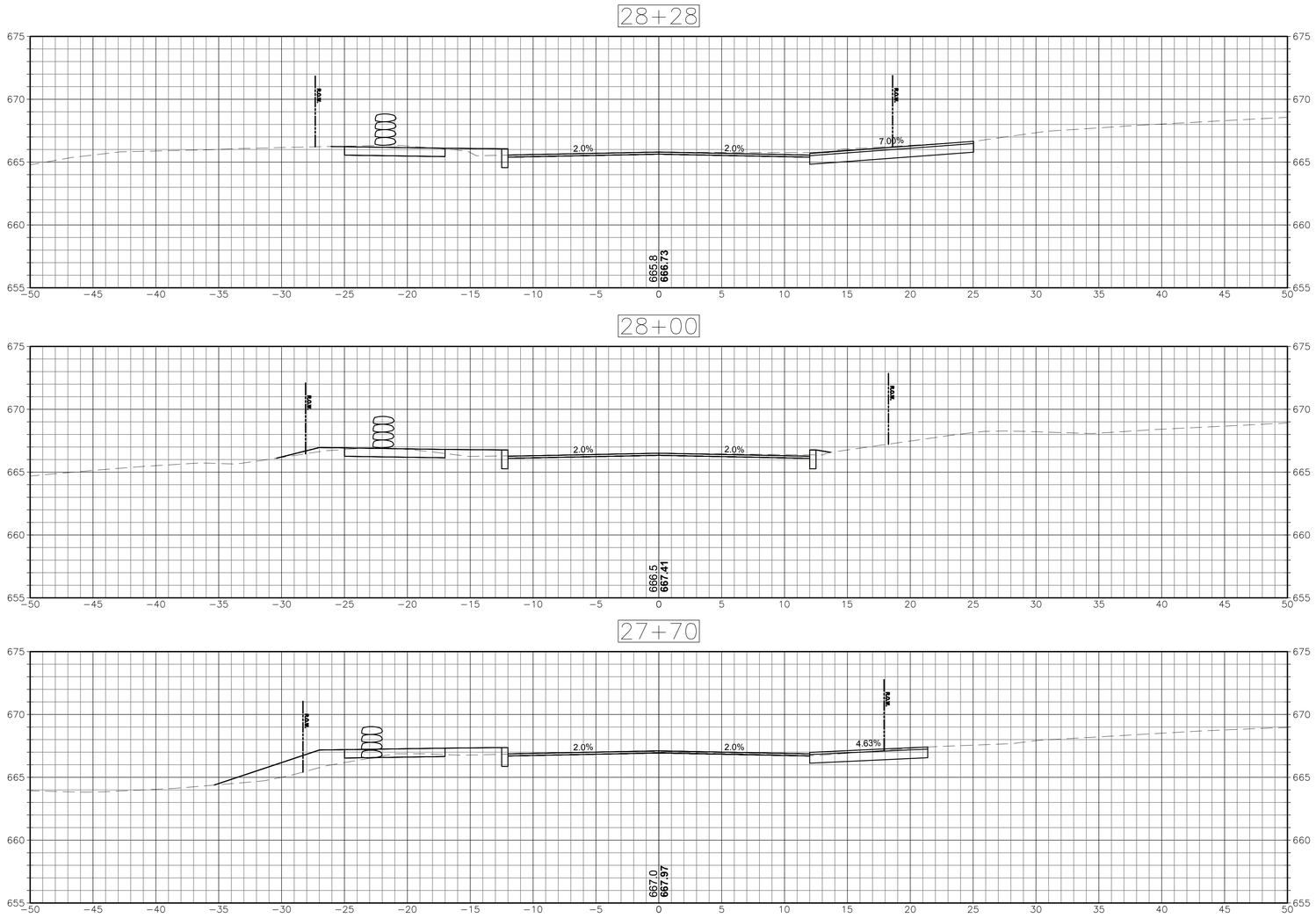
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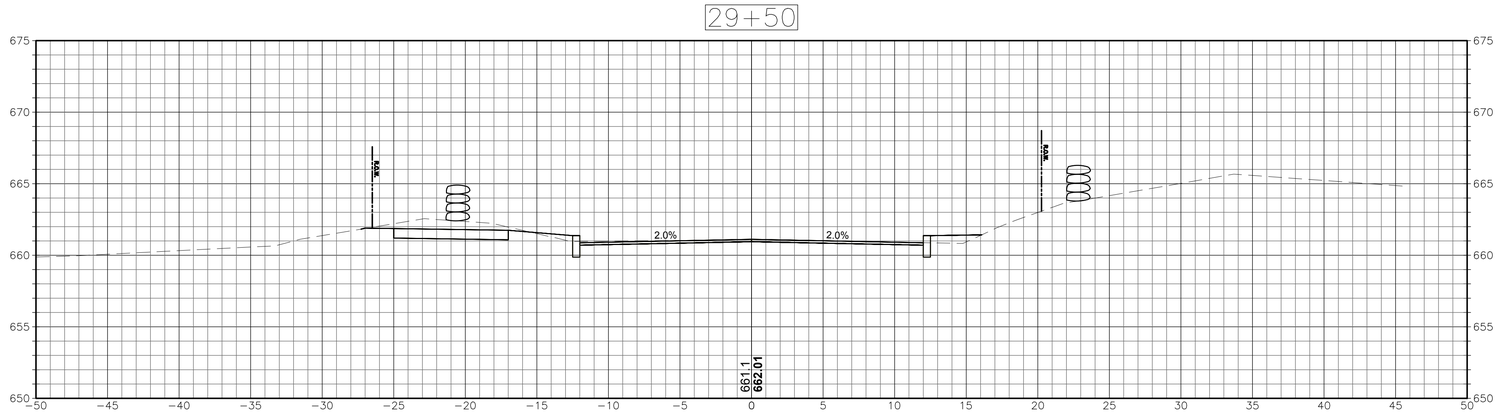
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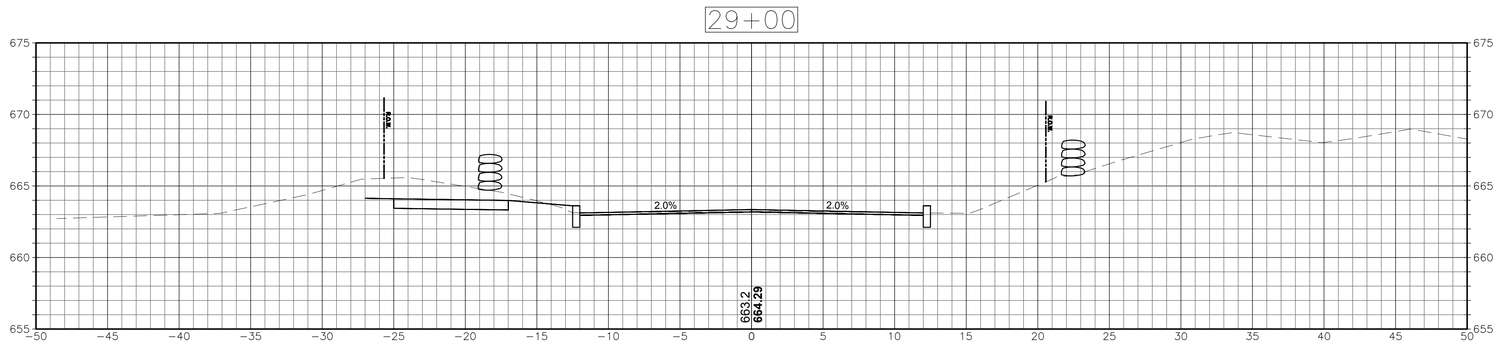
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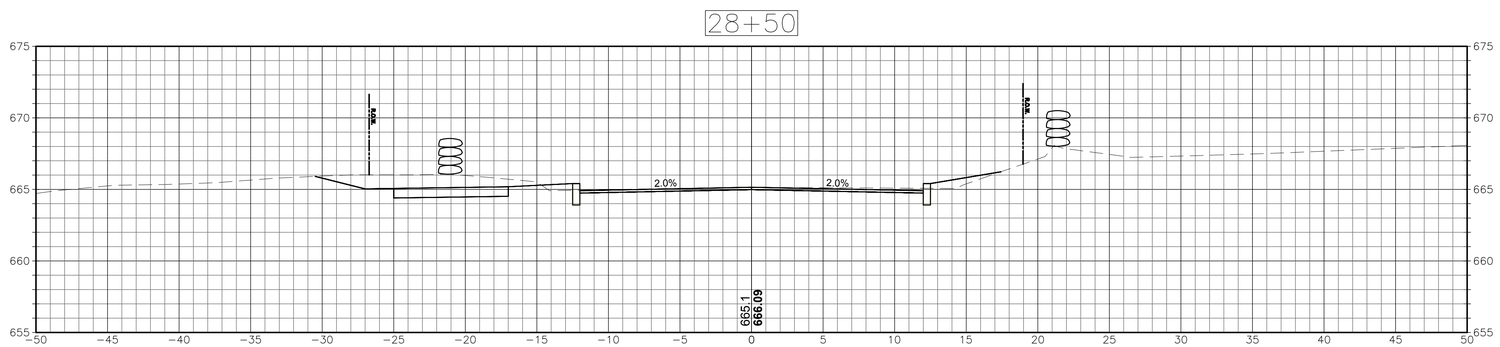
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SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
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W&S File No.:	

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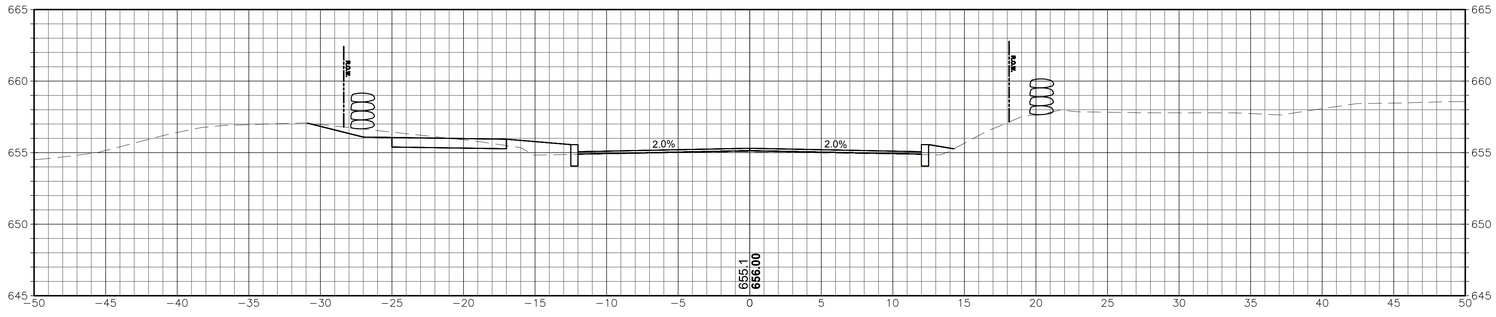
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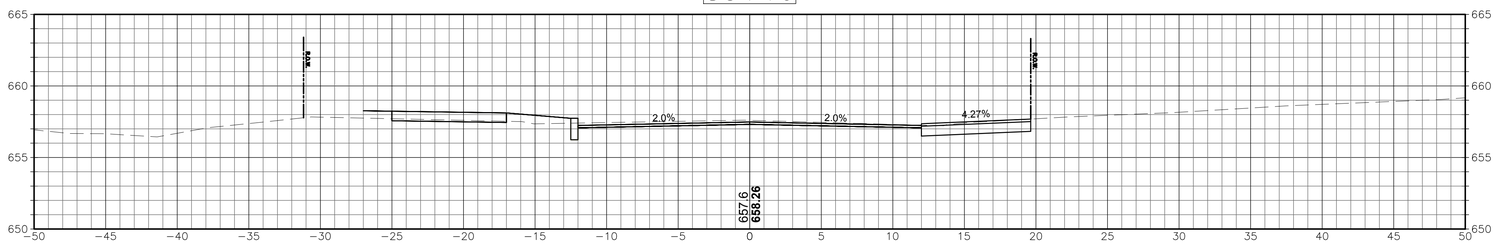
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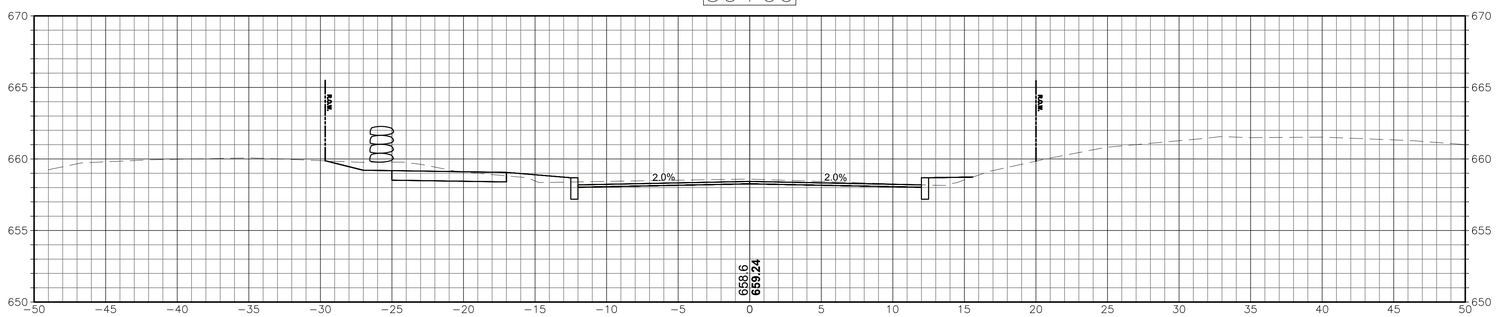
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30+16



30+00



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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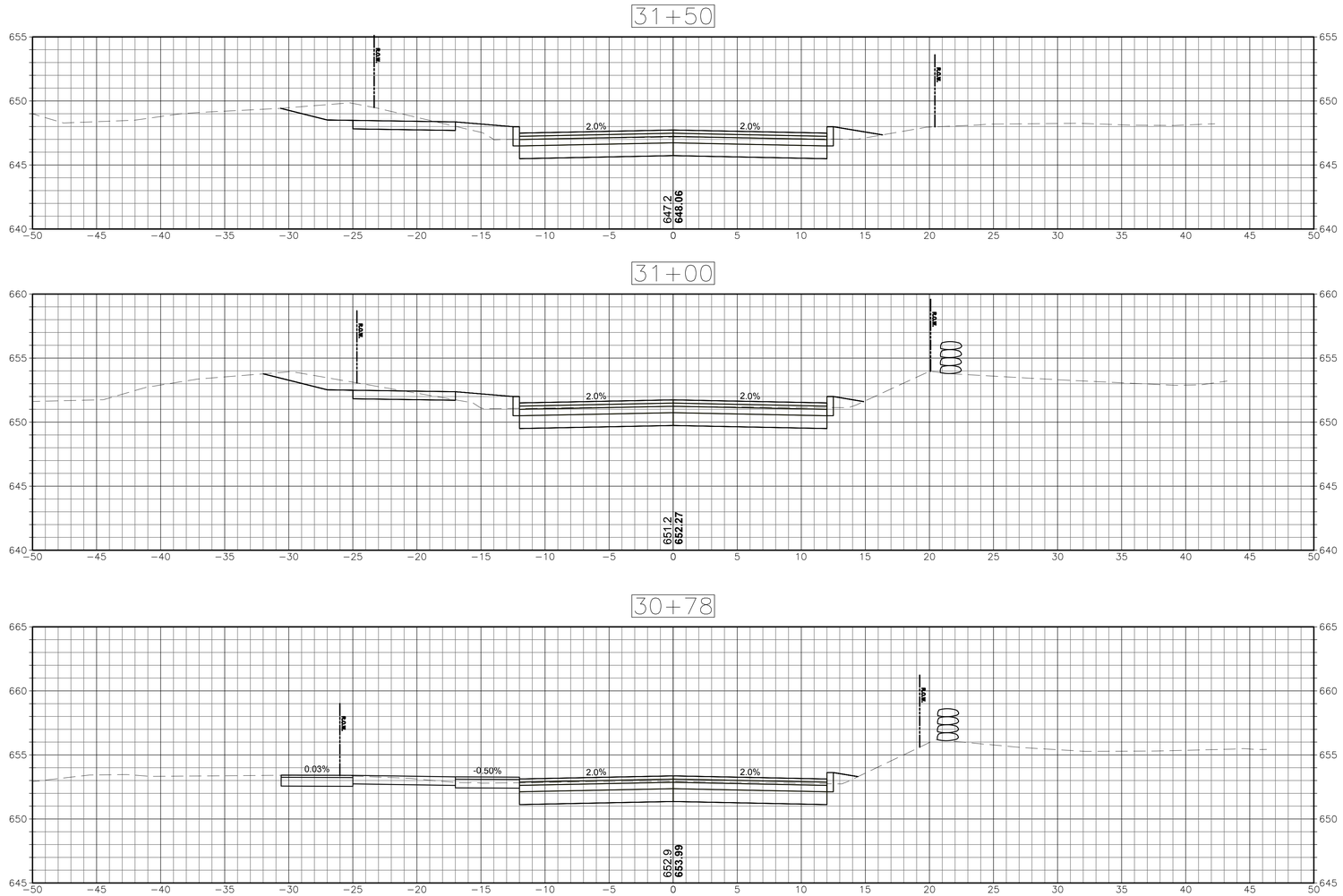
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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

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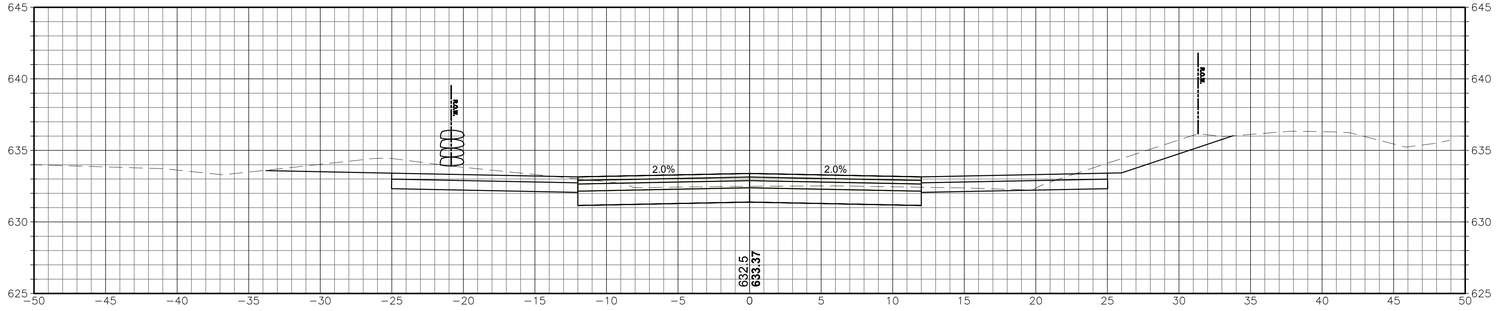
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Rev: 1.6 Date: 04/10/2019

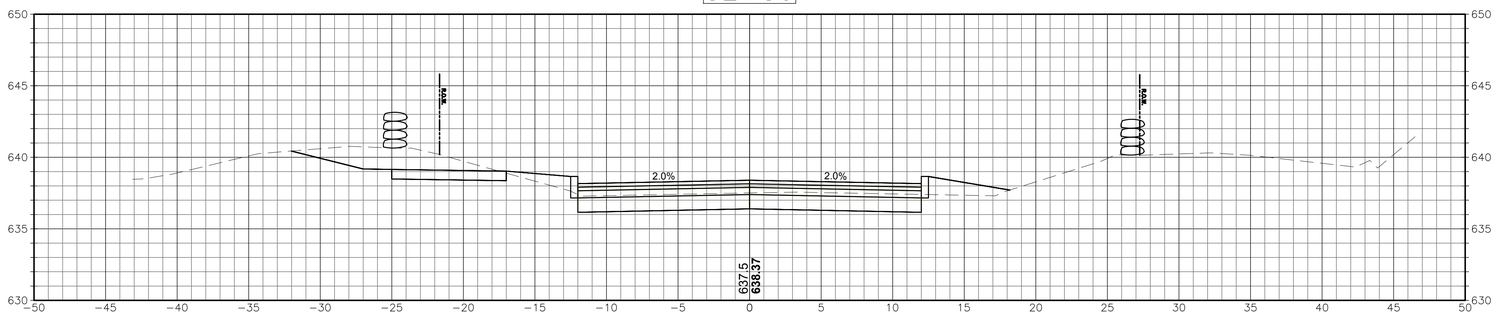
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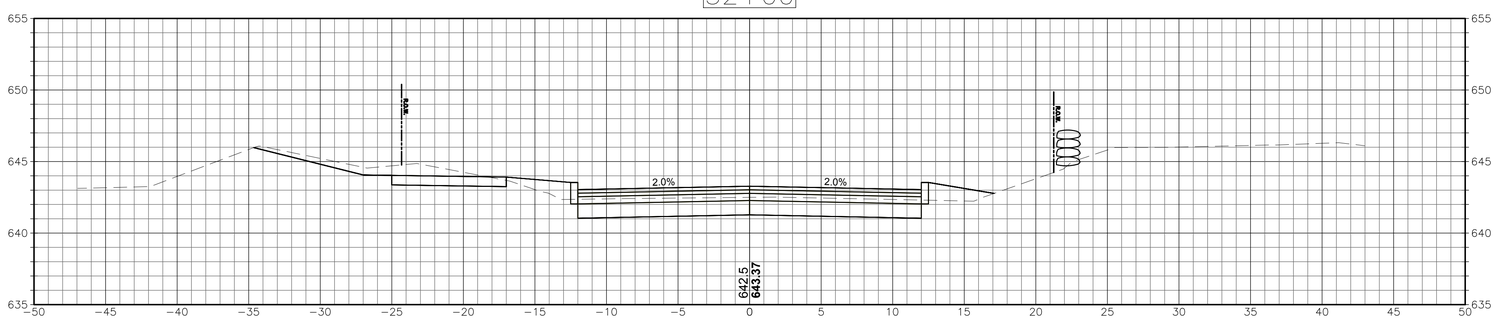
33+00



32+50



32+00



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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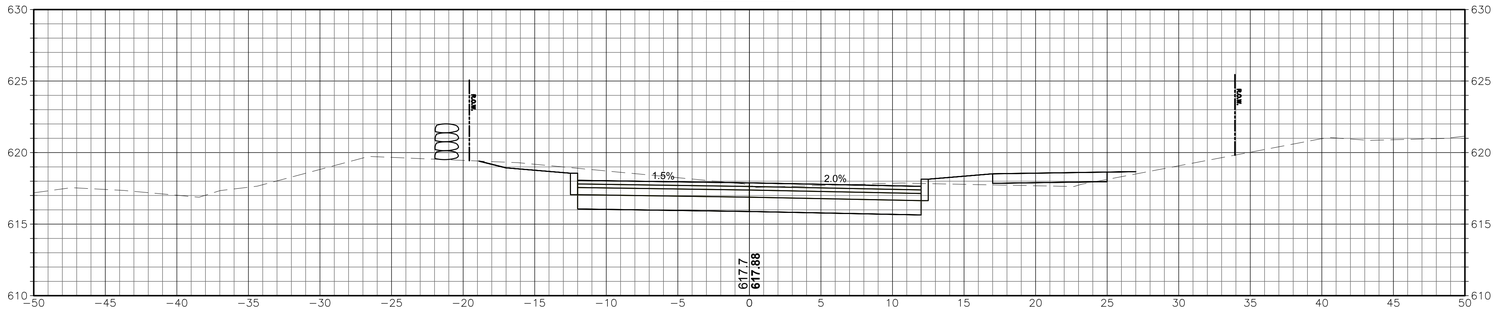
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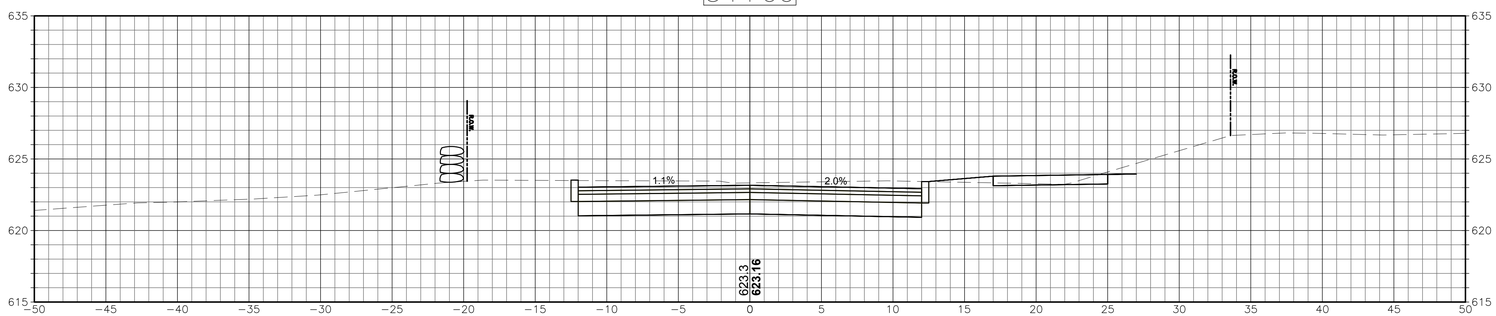
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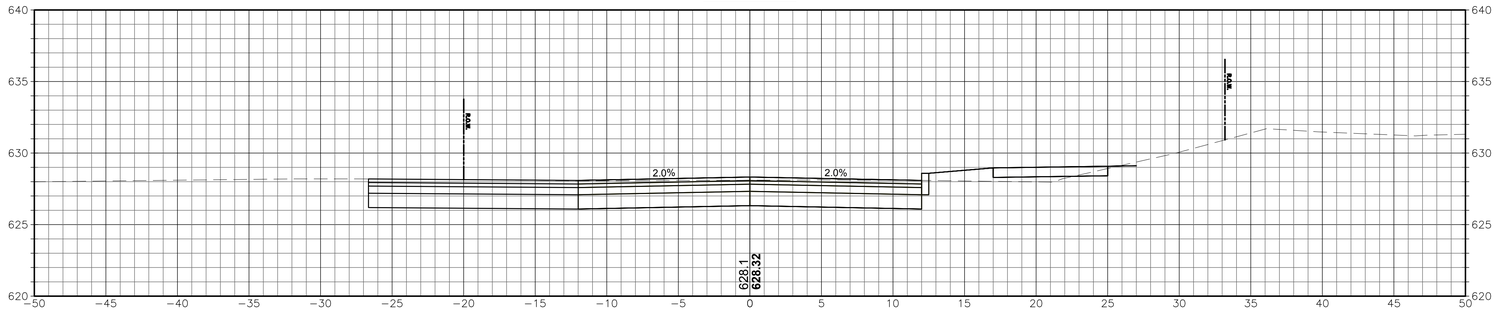
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34+00



33+50



CROSS SECTIONS

SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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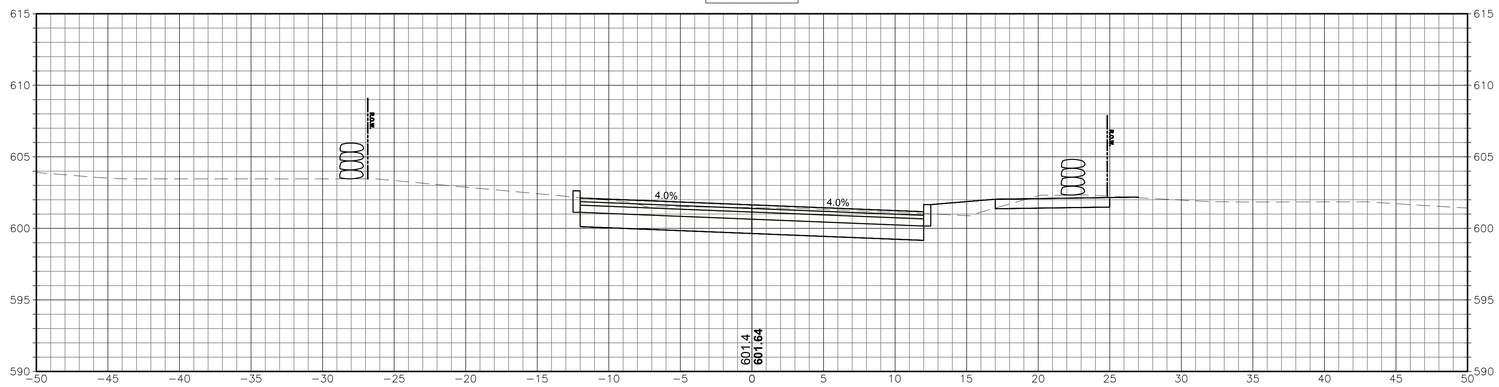
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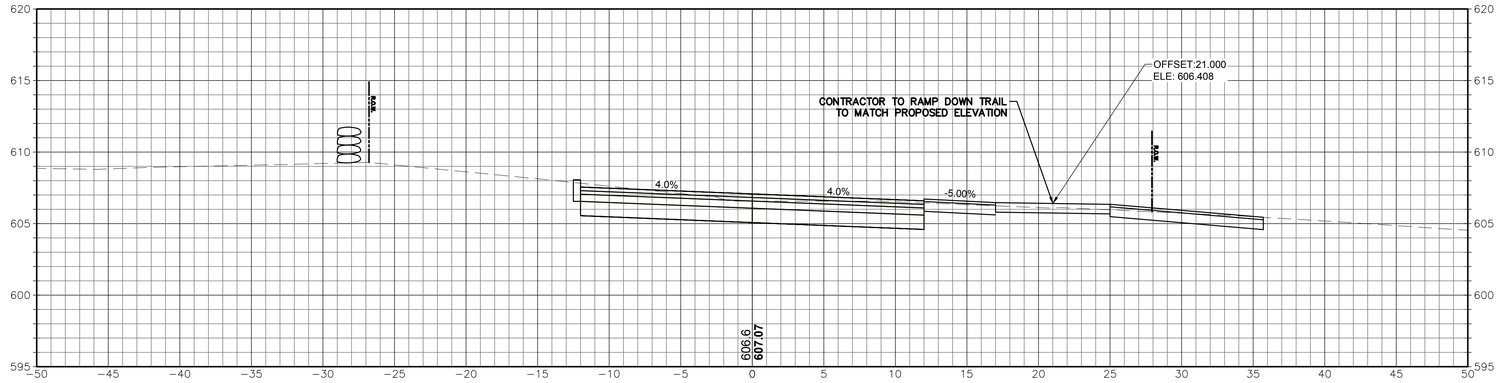
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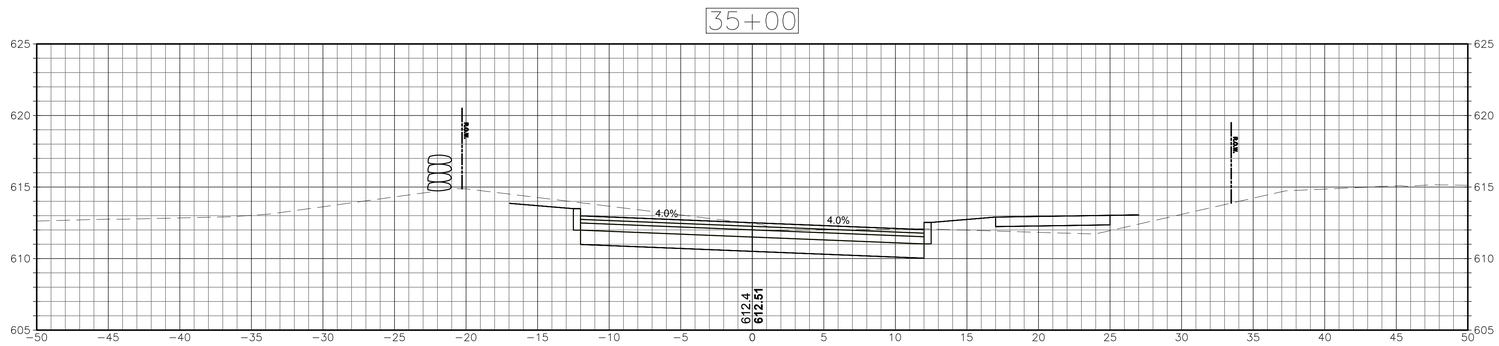
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35+50



35+00



CROSS SECTIONS

SCALE 1"=5'

Project:

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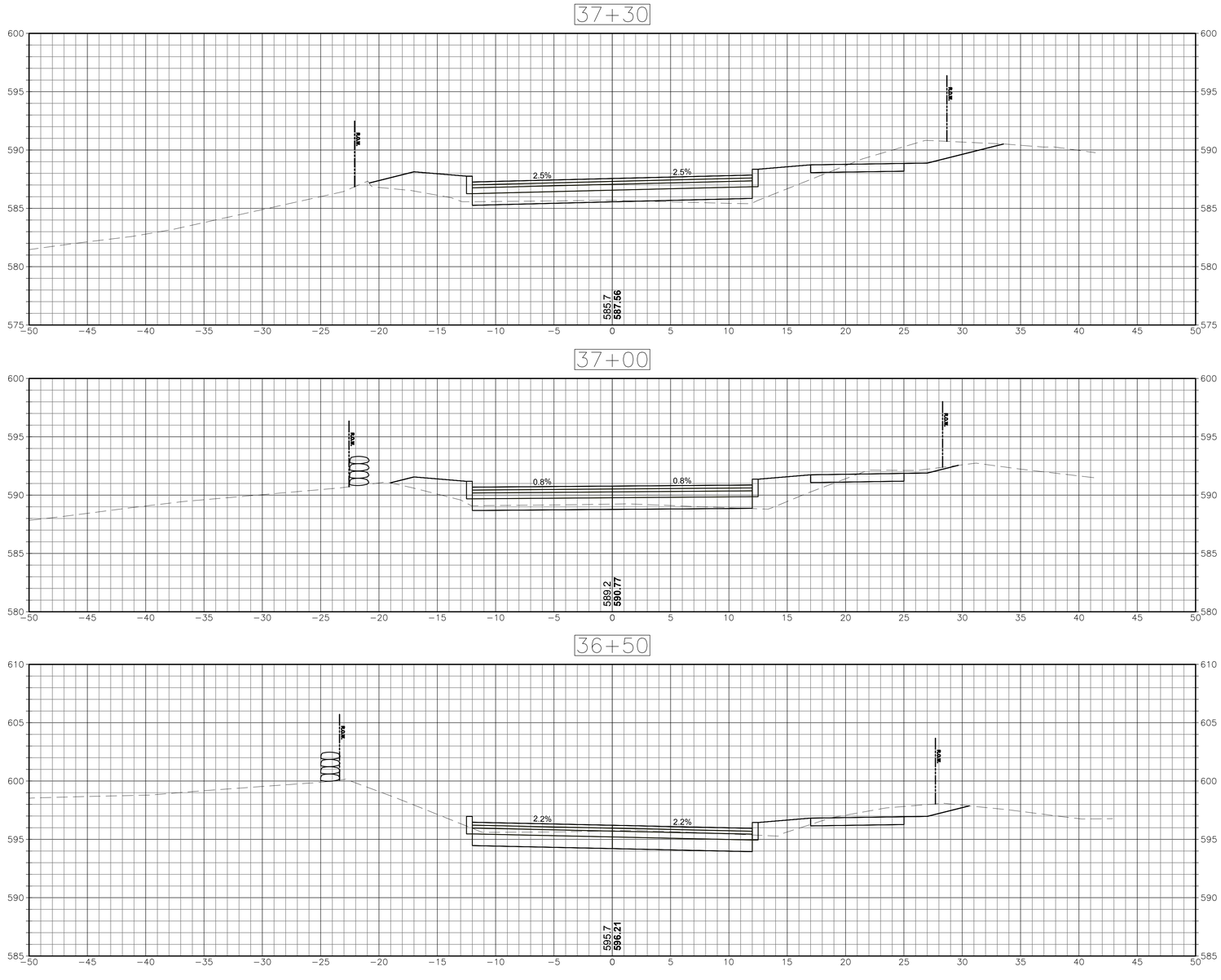
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CROSS SECTIONS

SCALE 1"=5'

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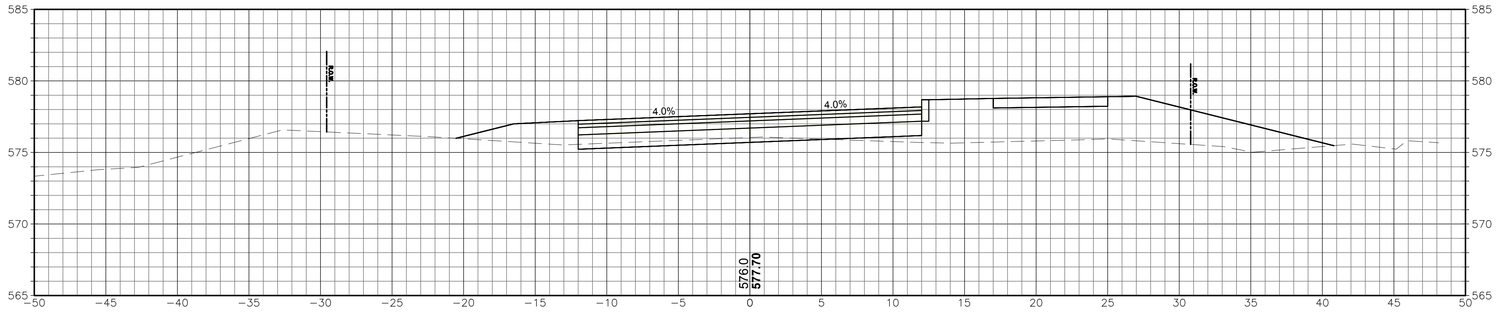
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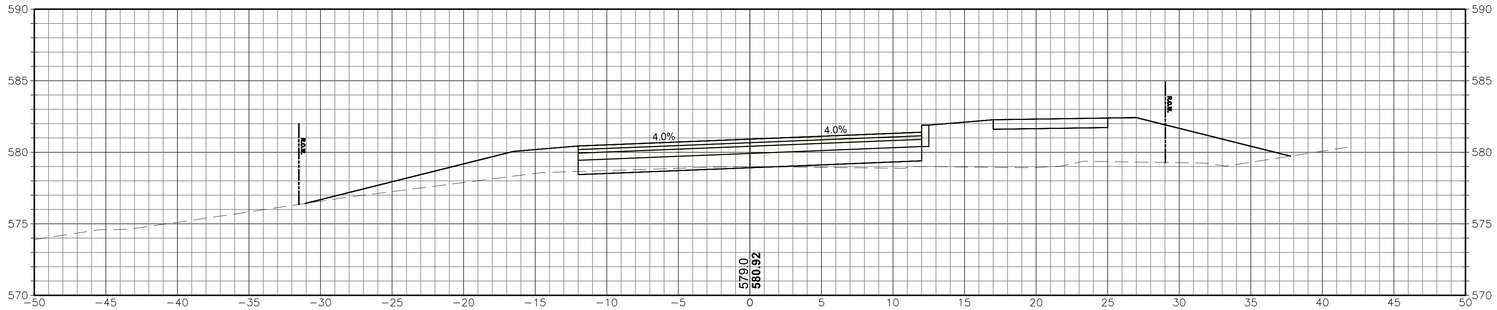
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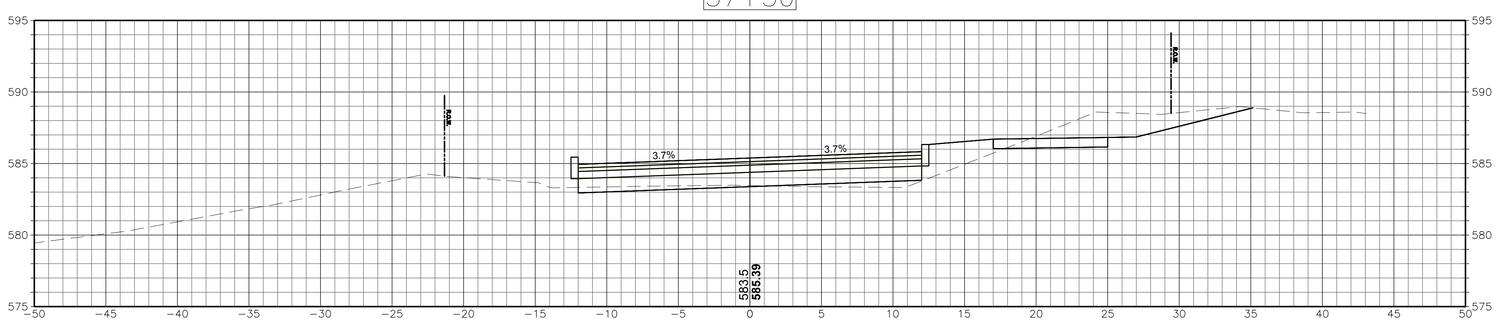
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38+00



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CROSS SECTIONS

SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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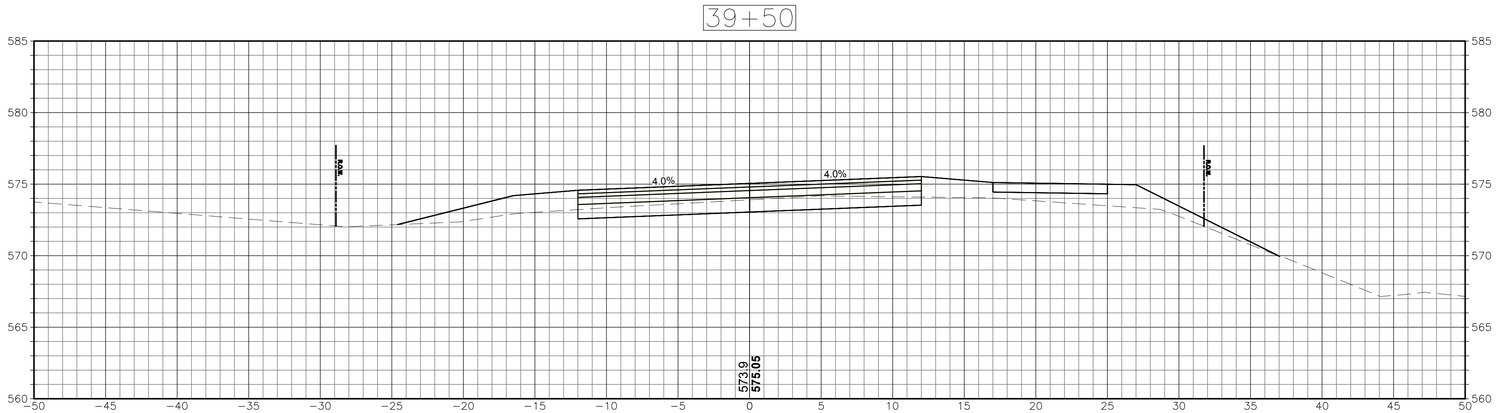
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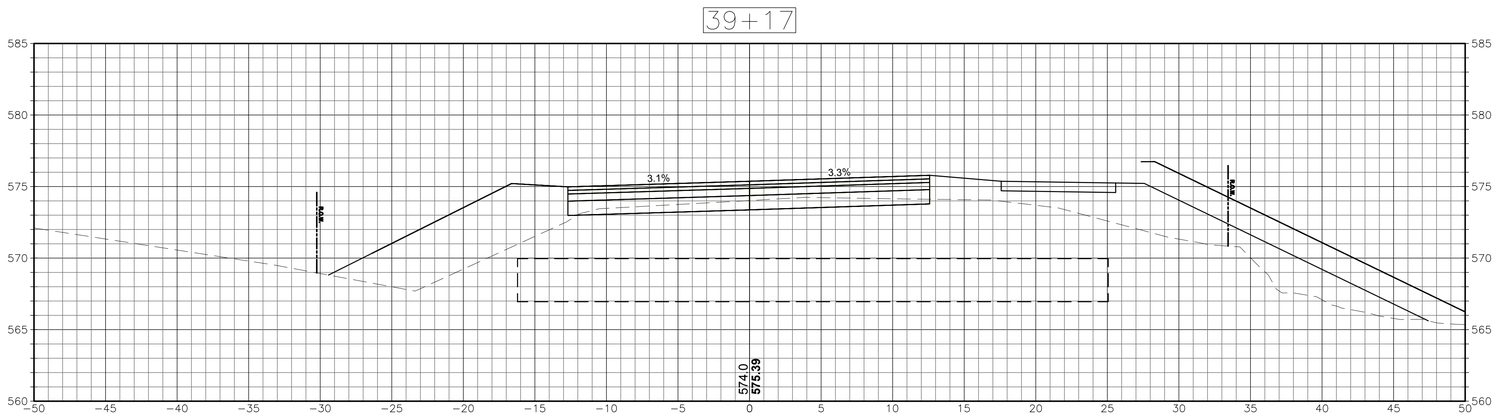
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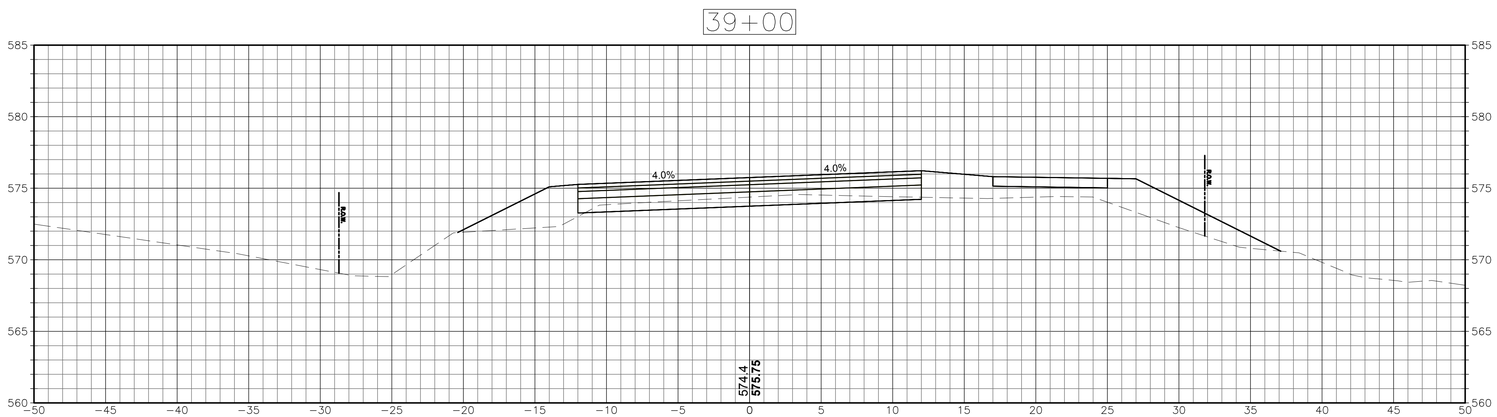
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CROSS SECTIONS
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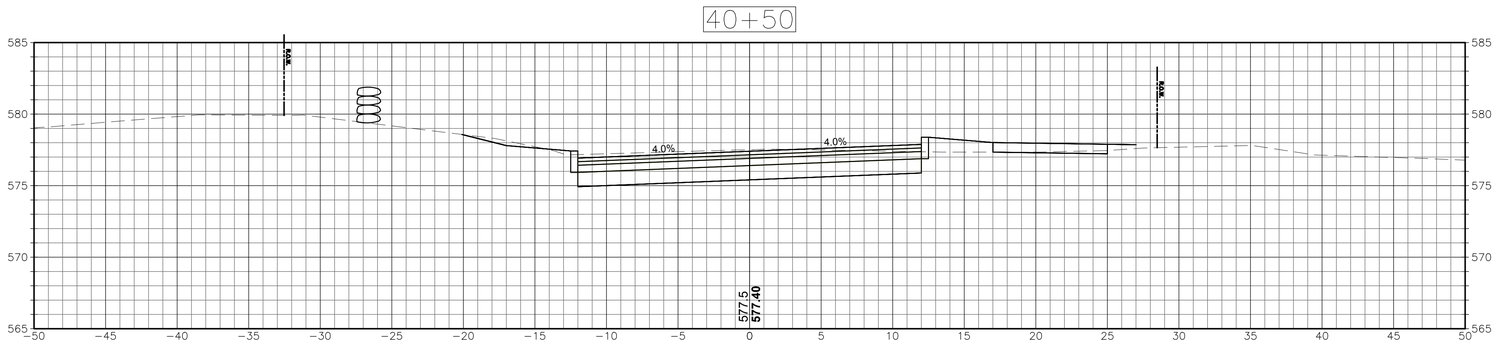
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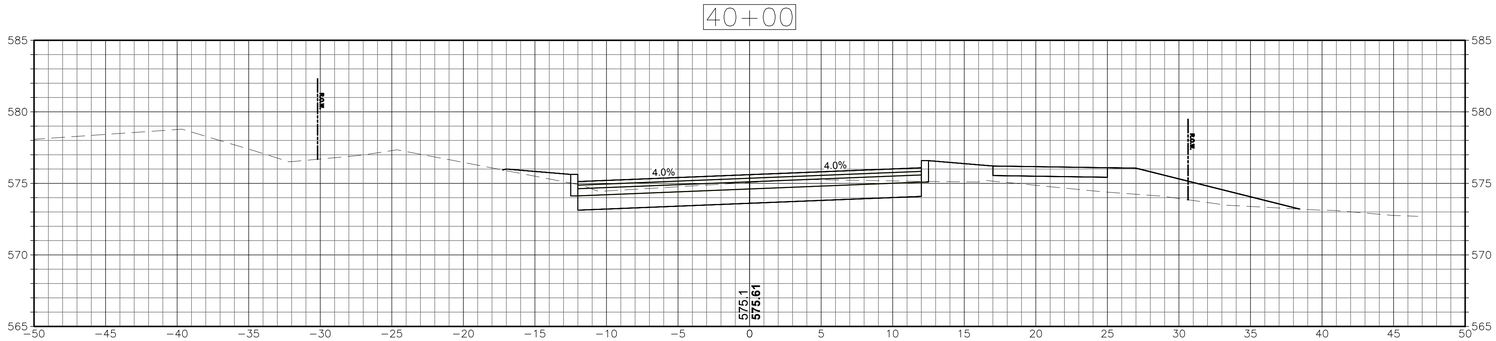
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CROSS SECTIONS
SCALE 1"=5'

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Project:

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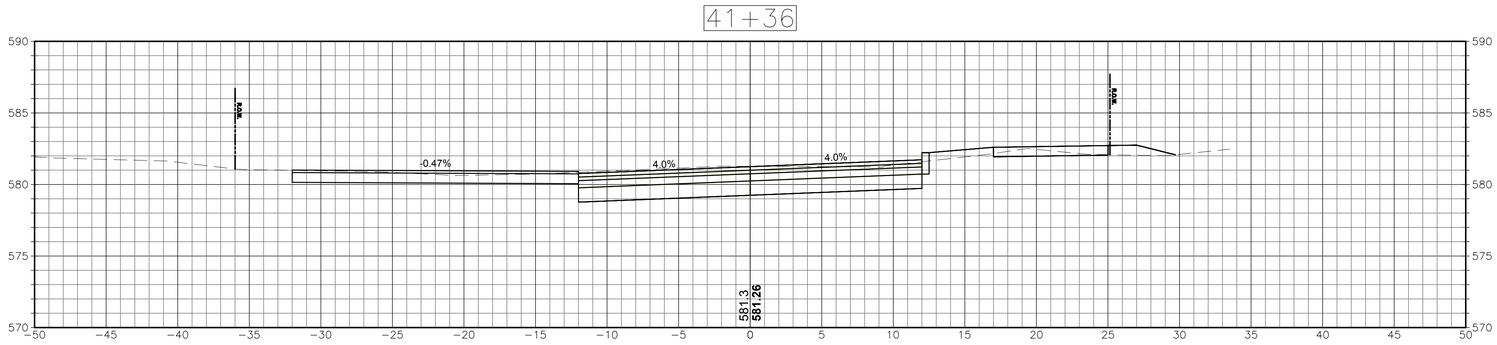
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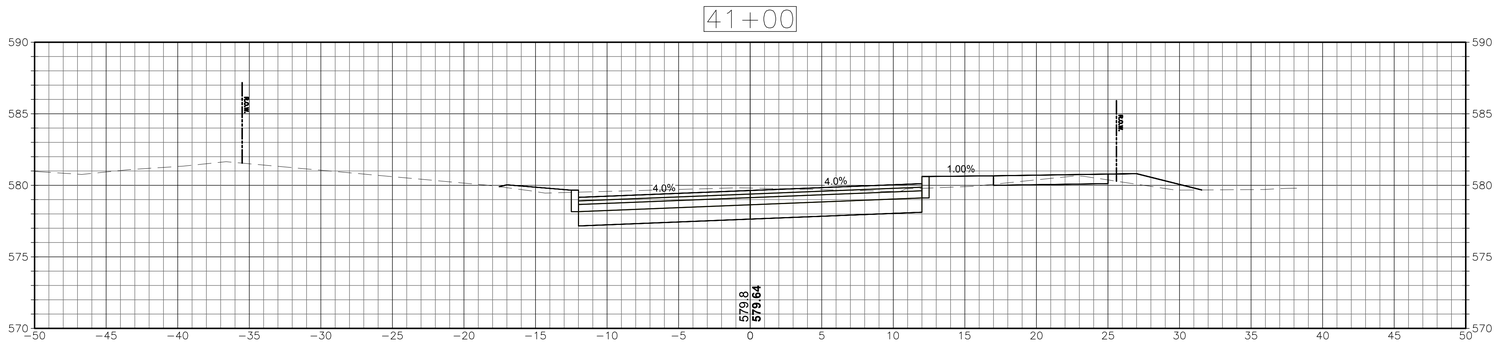
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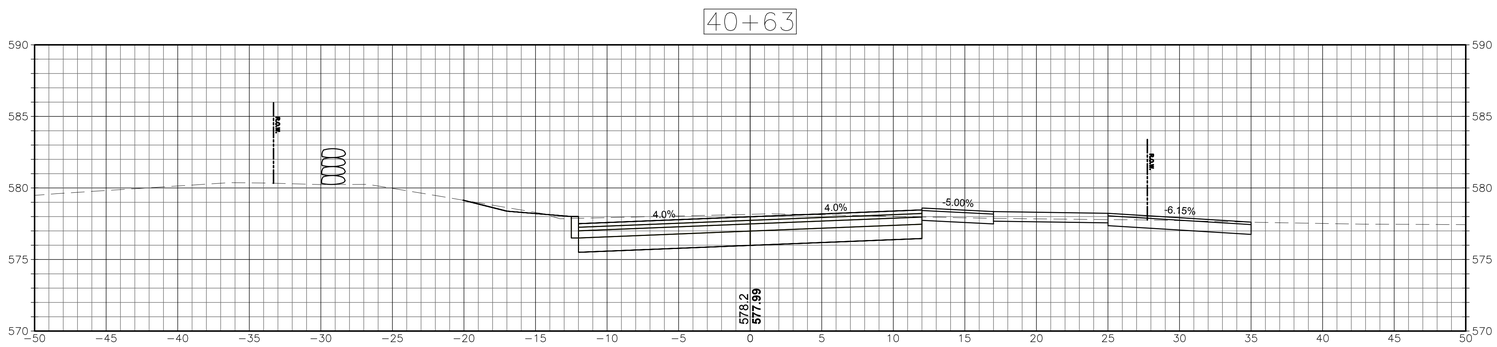
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CROSS SECTIONS

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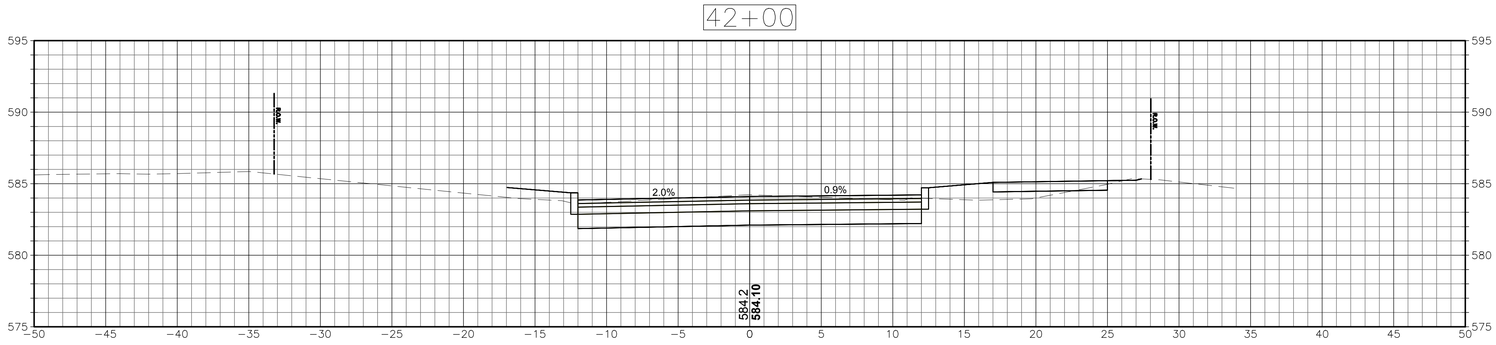
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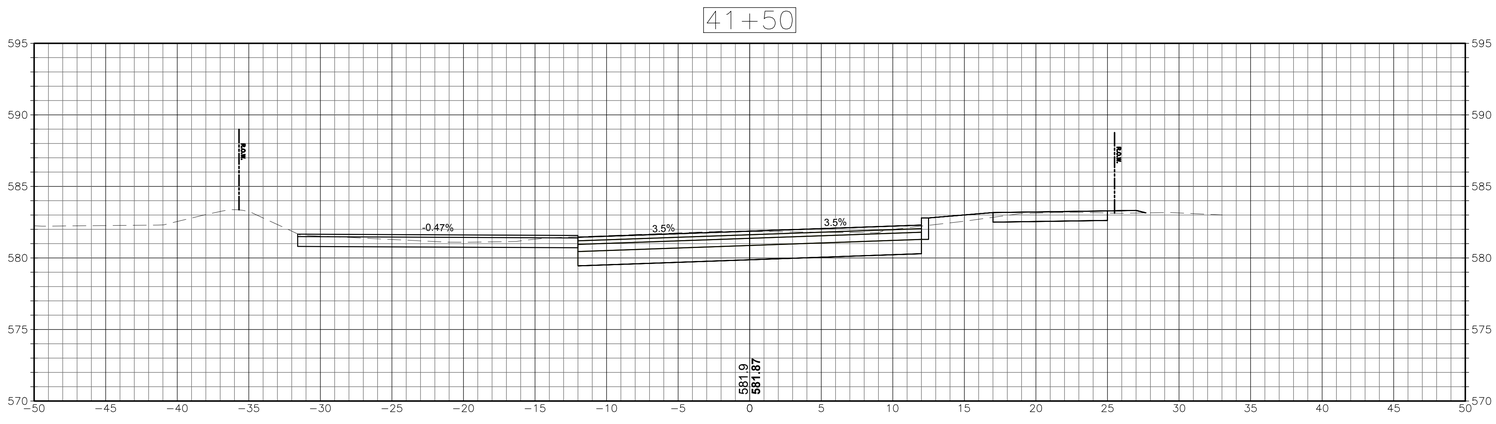
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SCALE 1"=5'

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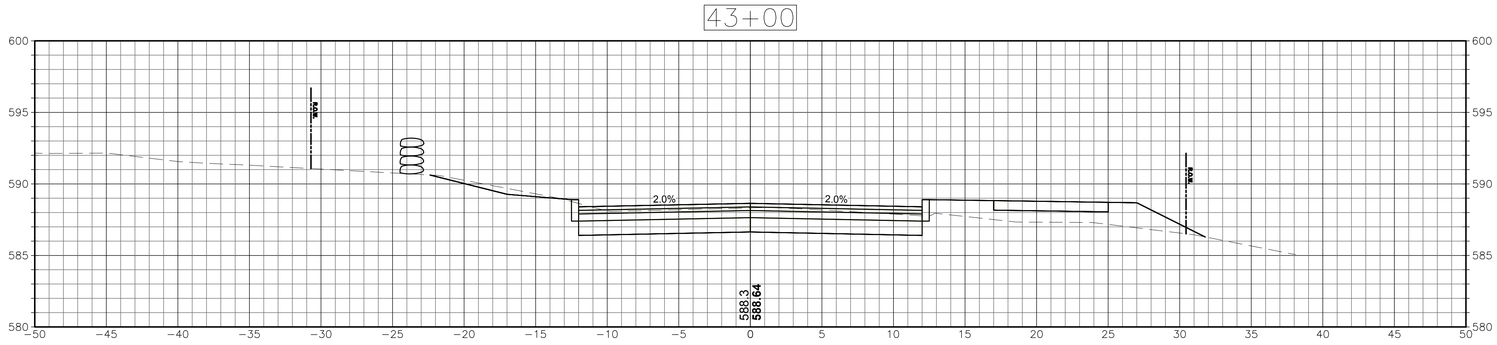
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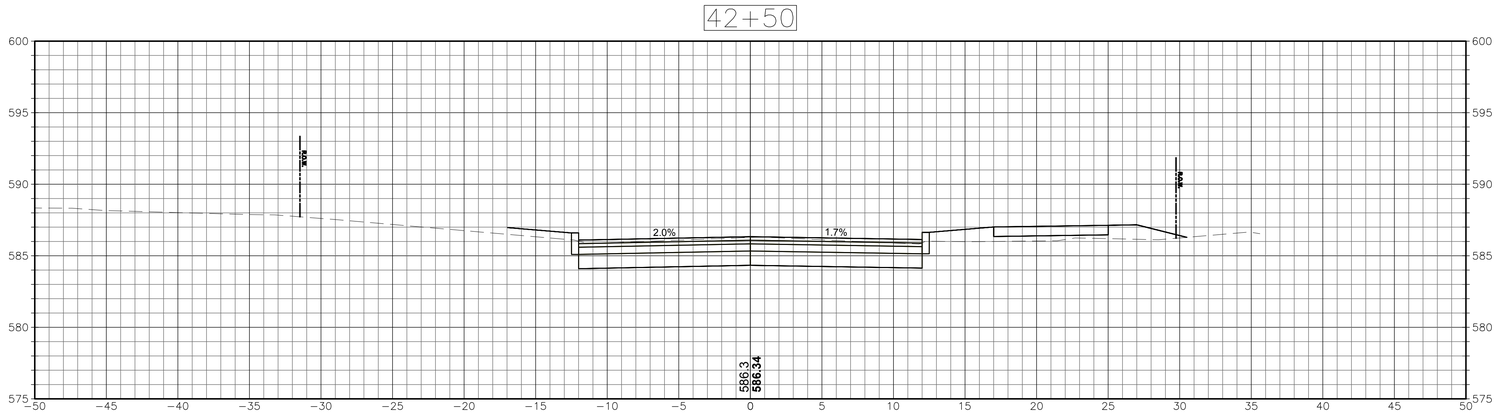
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CROSS SECTIONS
SCALE 1"=5'

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W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

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Sheet Number:

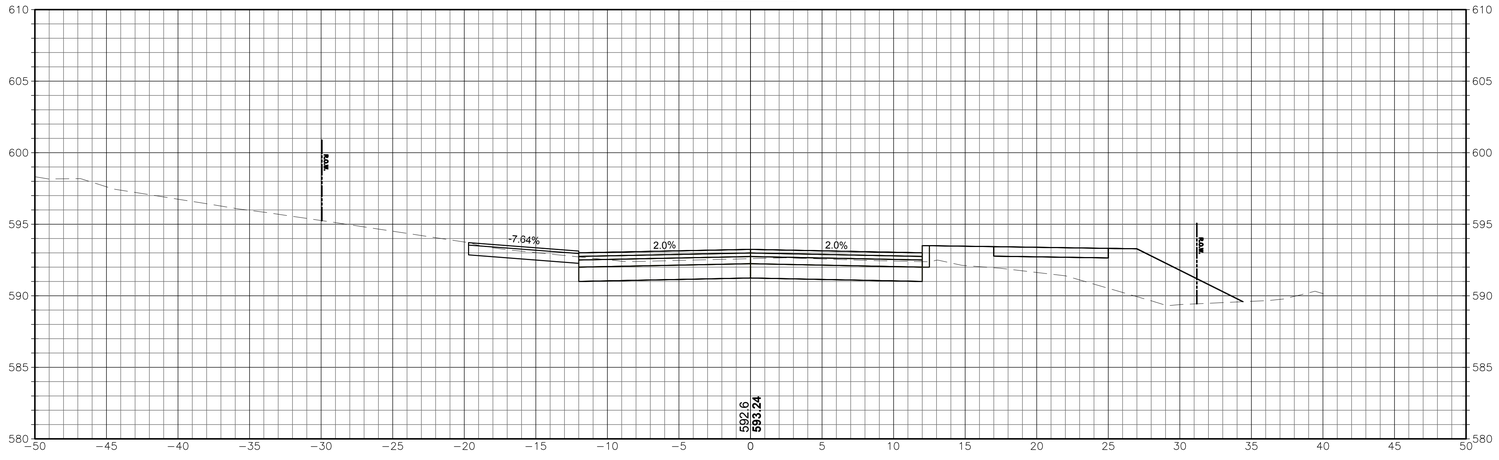
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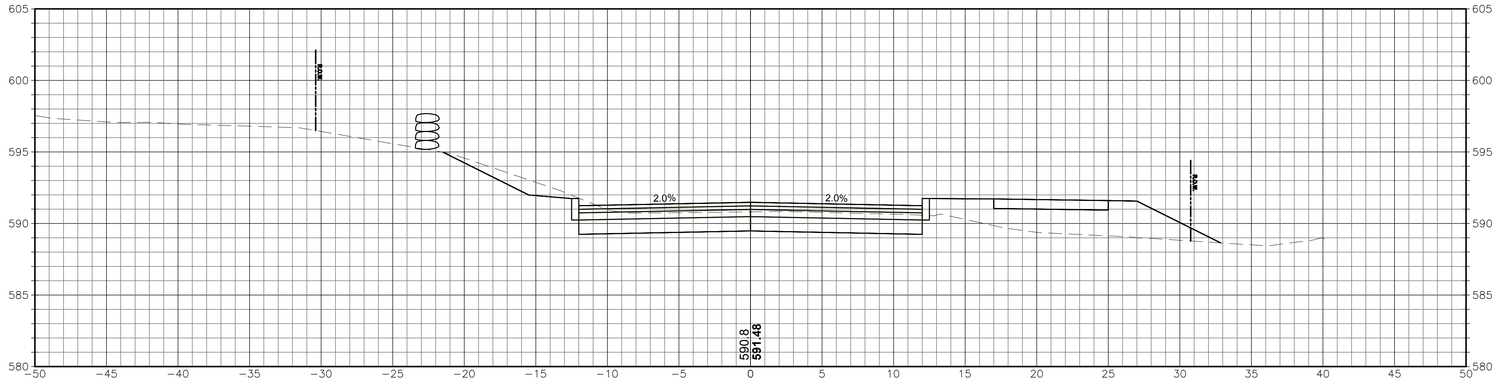
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43+77



43+50



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

4 S. EAGLEVILLE RD.
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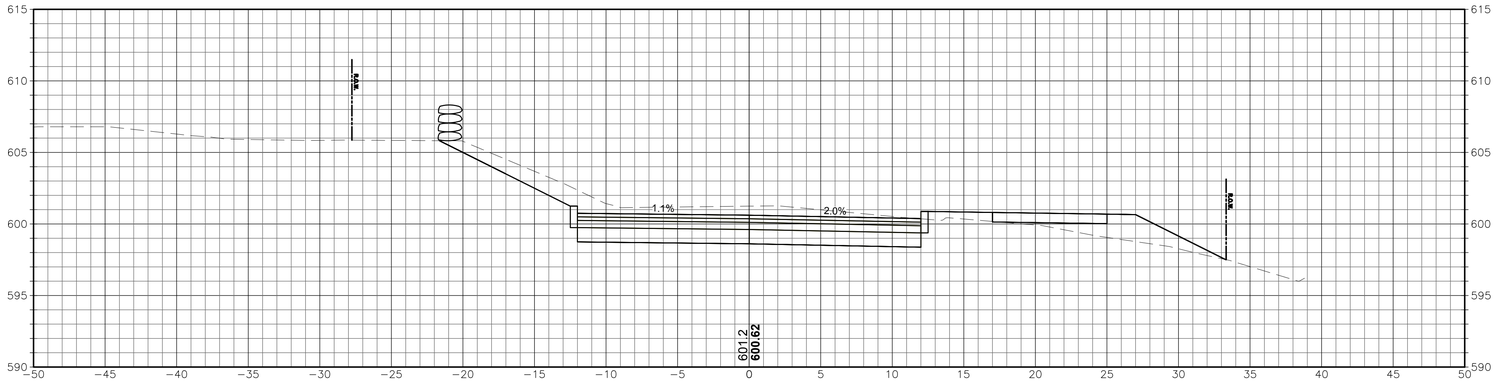
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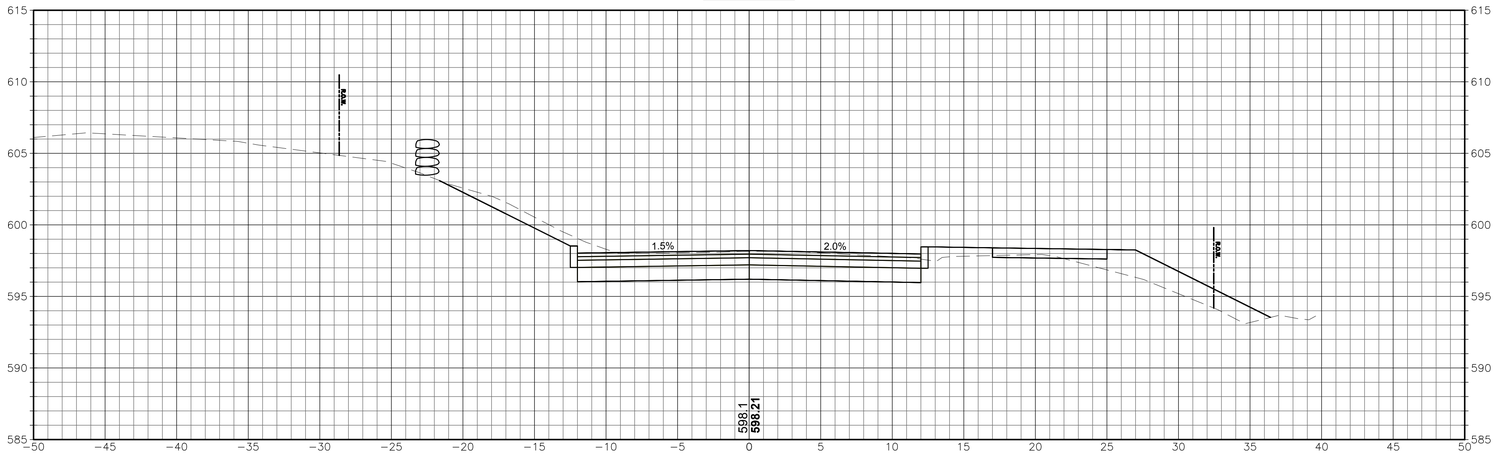
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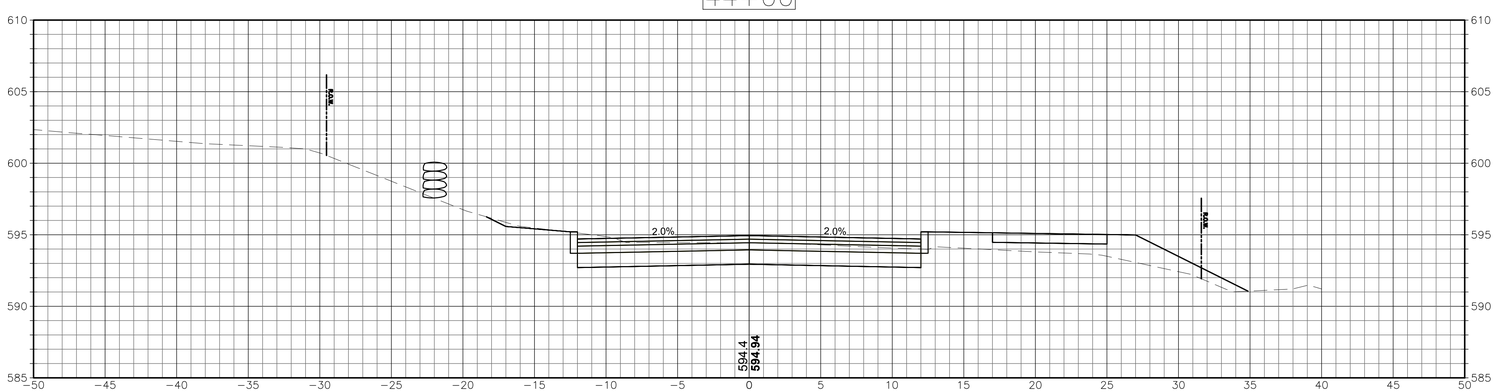
45+00



44+50



44+00



CROSS SECTIONS

SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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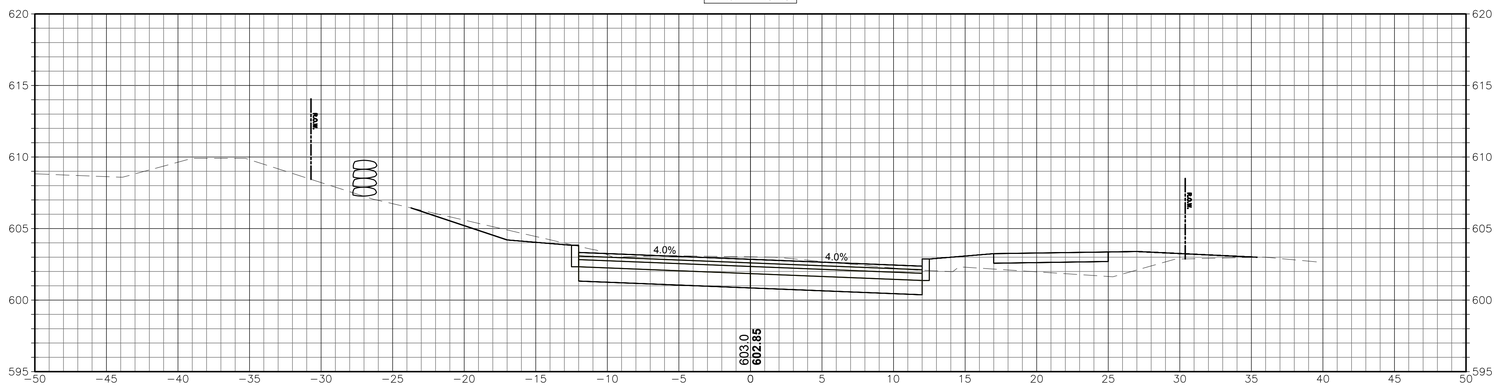
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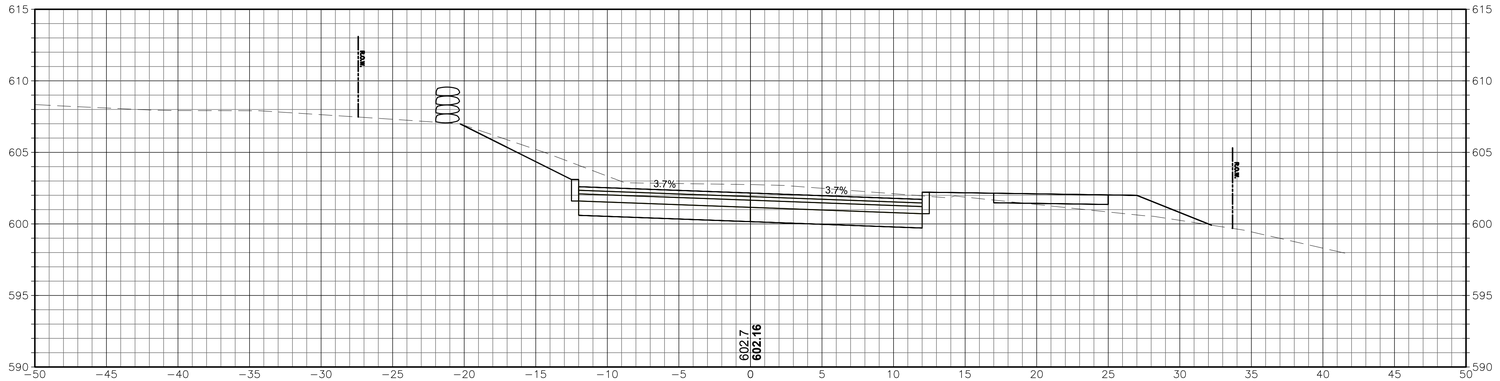
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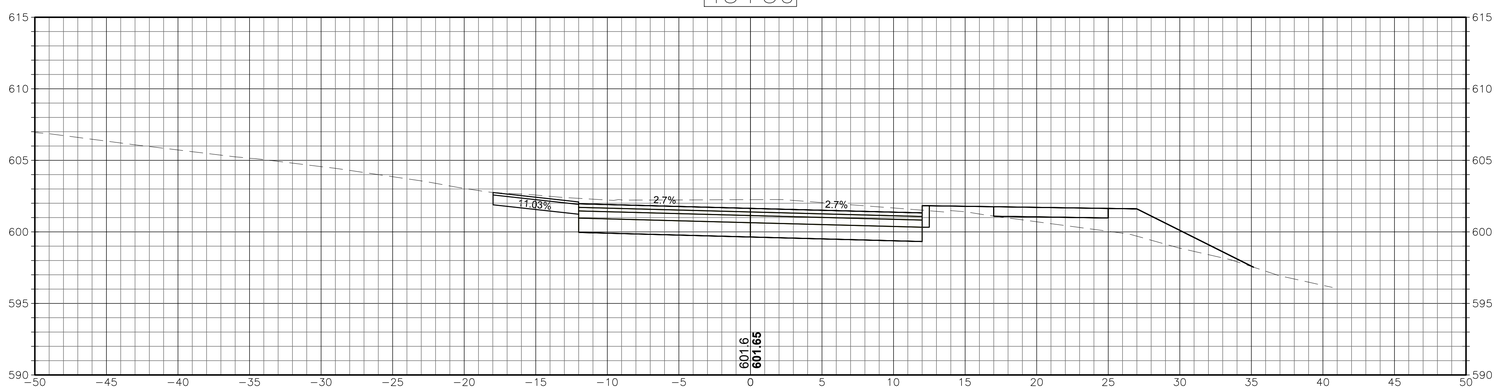
46+00



45+50



45+30



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

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IMPROVEMENTS MAPLE ROAD
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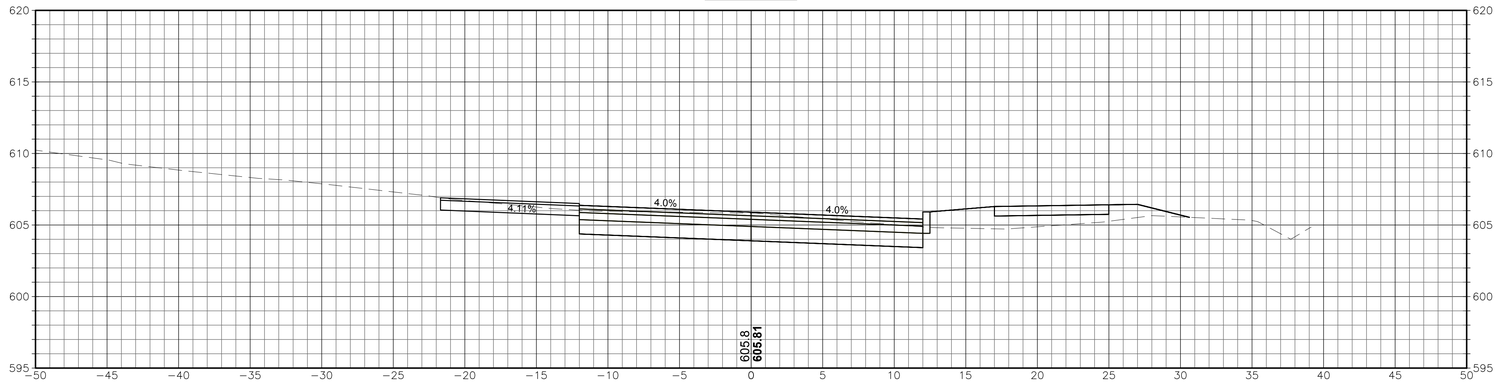
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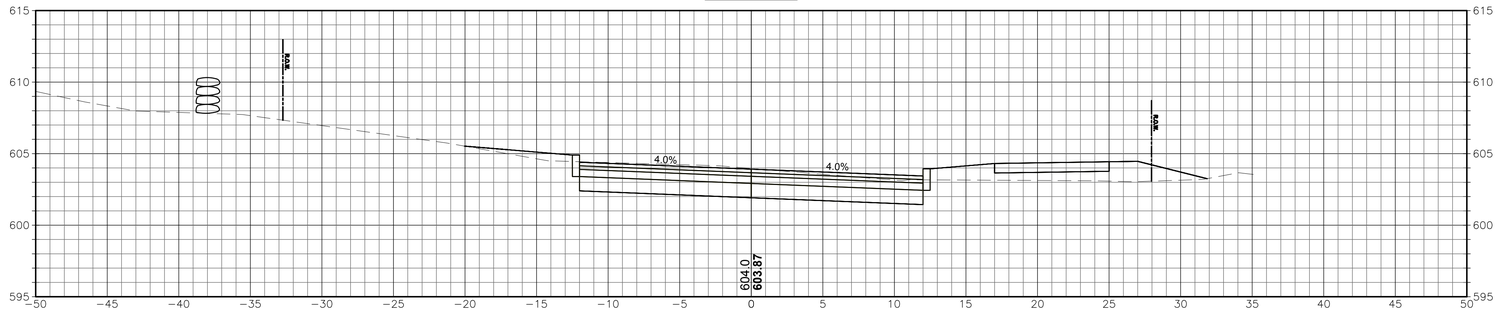
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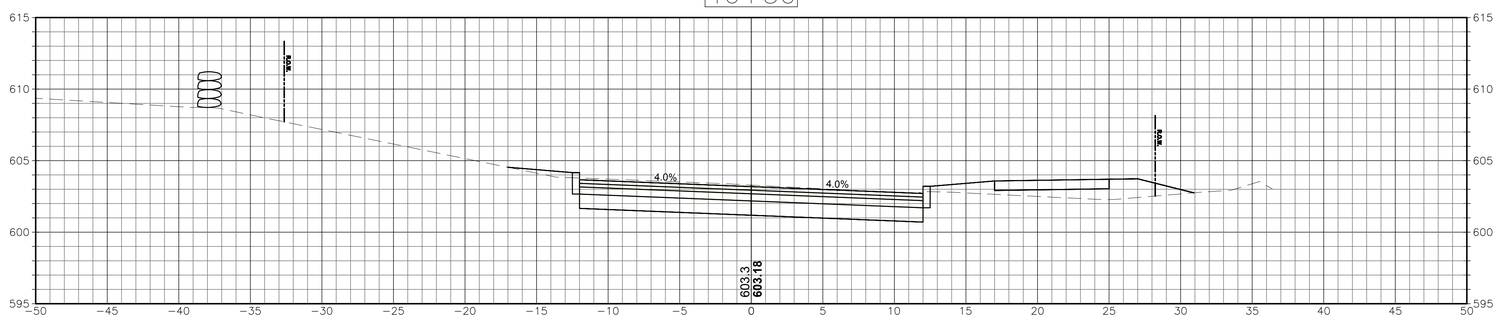
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47+00



46+50



CROSS SECTIONS

SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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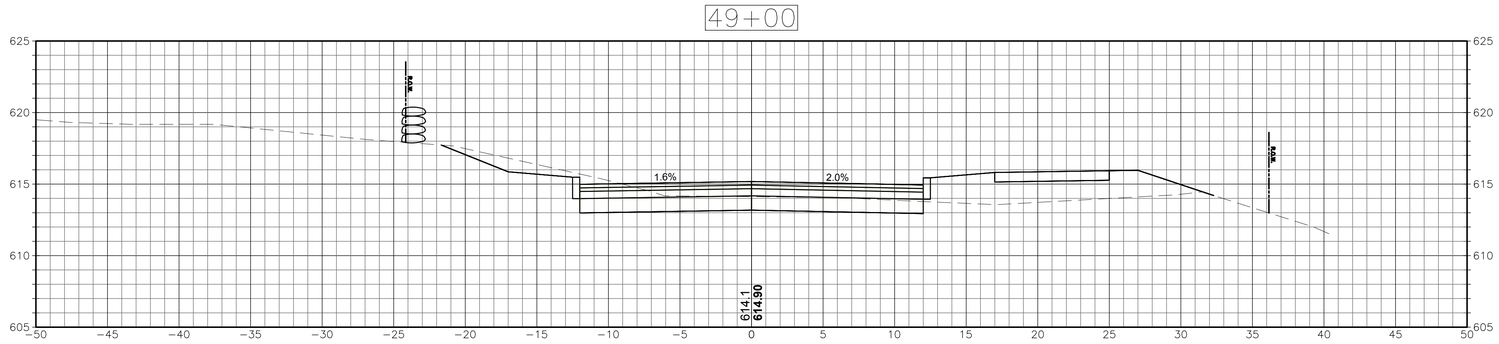
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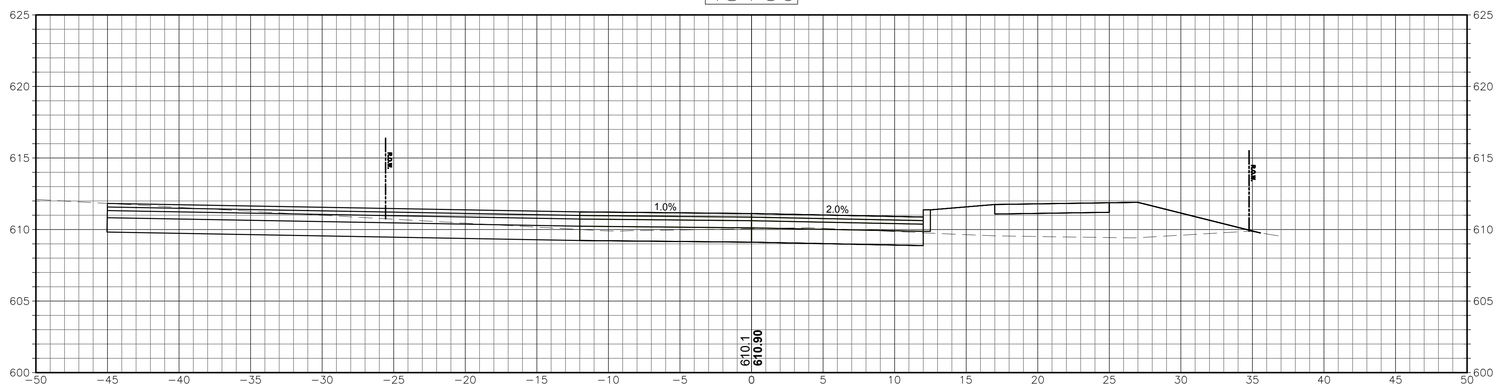
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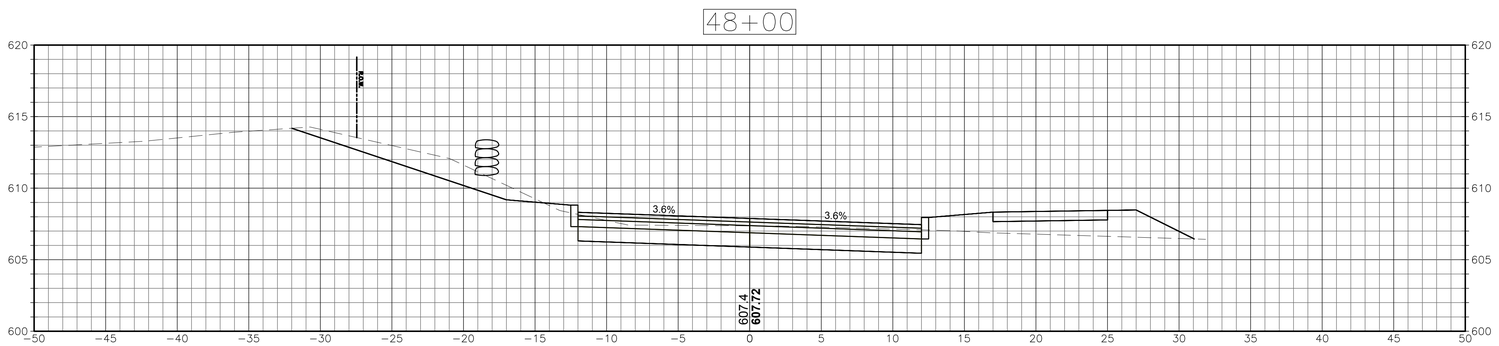
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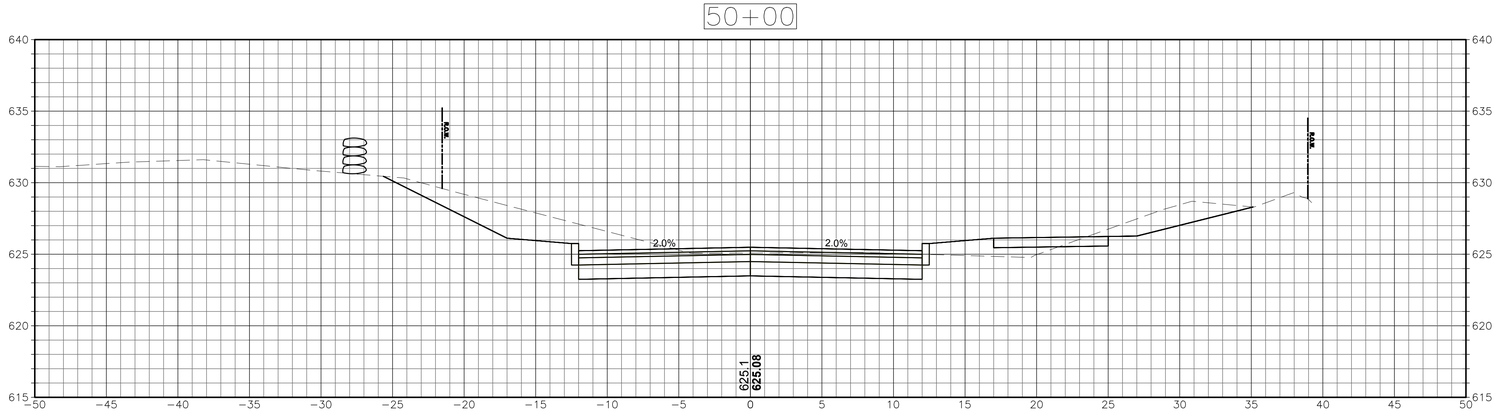
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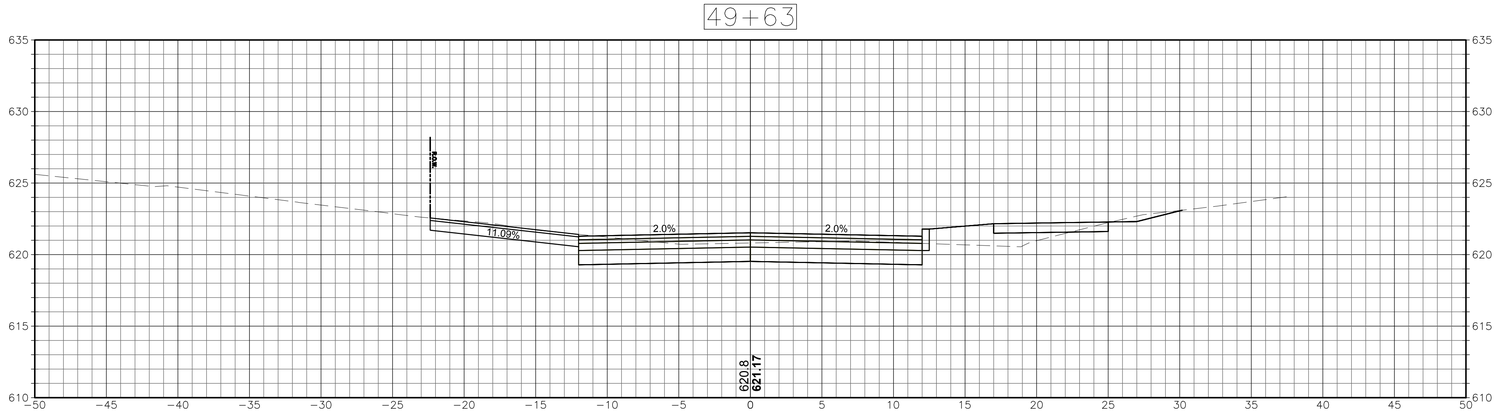
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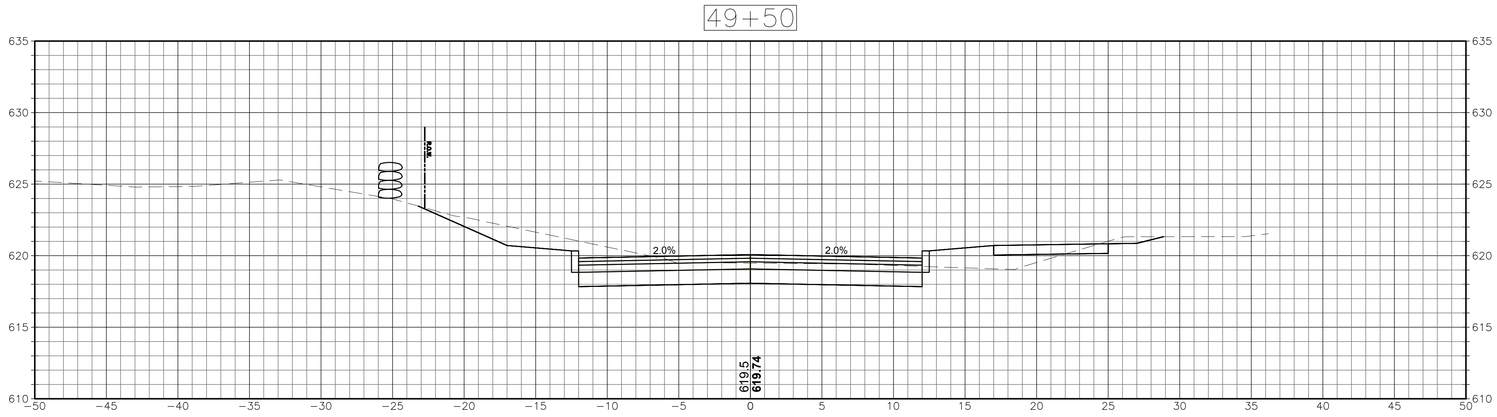
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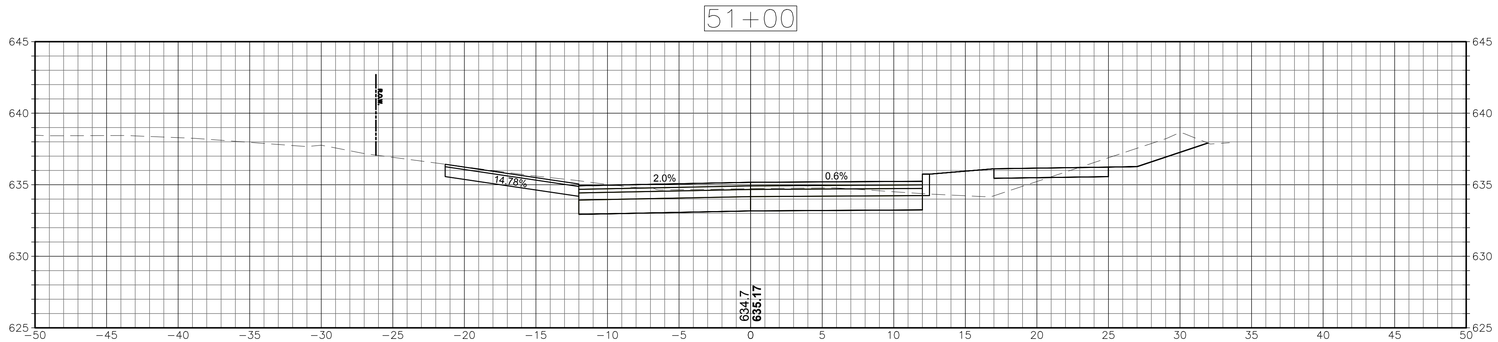
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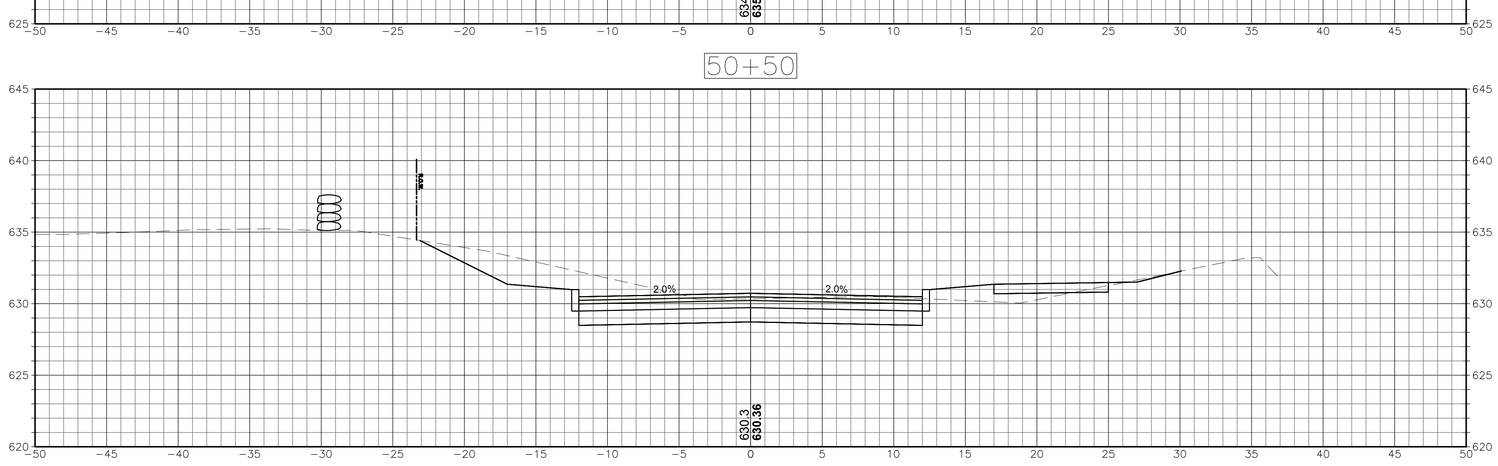
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CROSS SECTIONS
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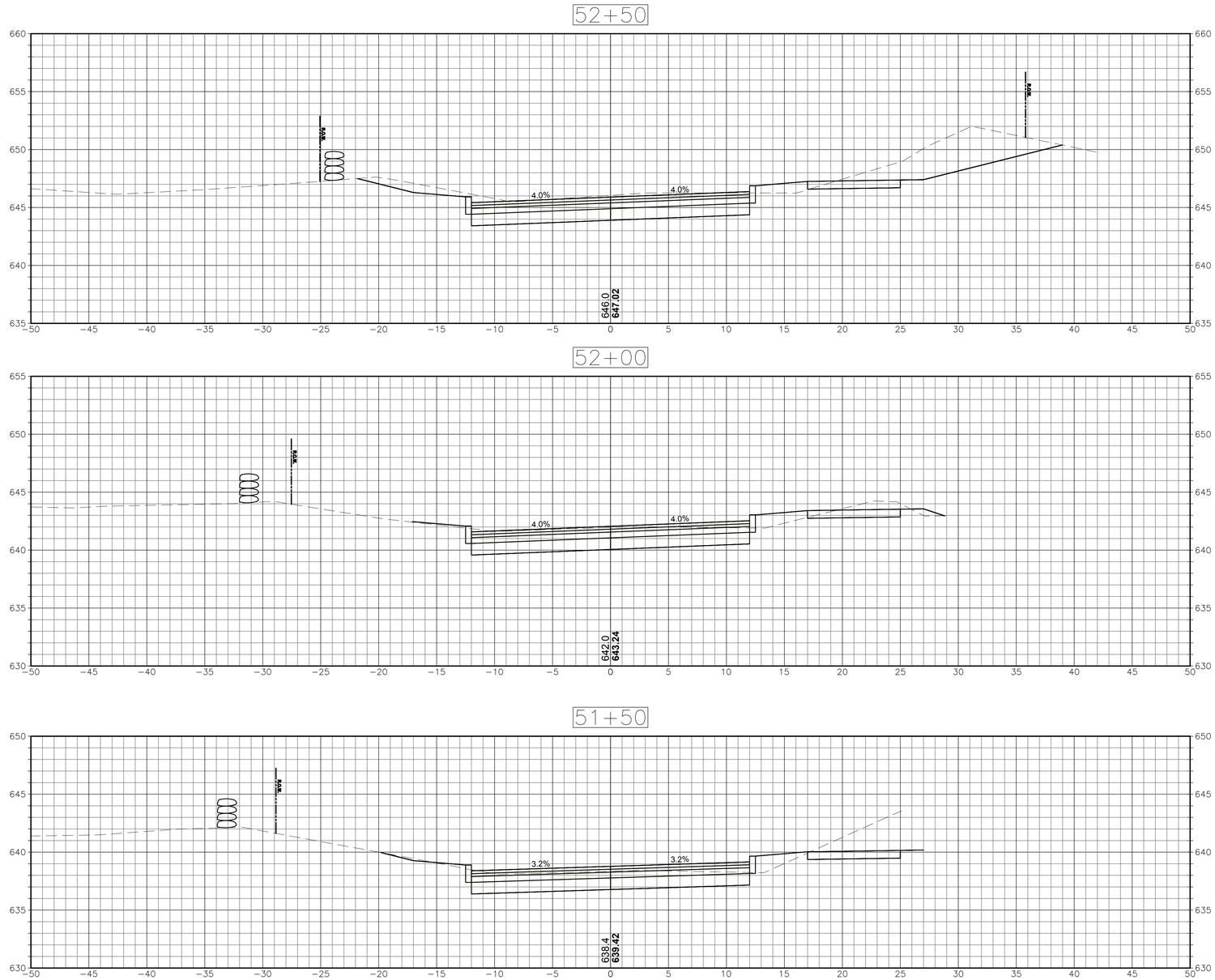
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CROSS SECTIONS
SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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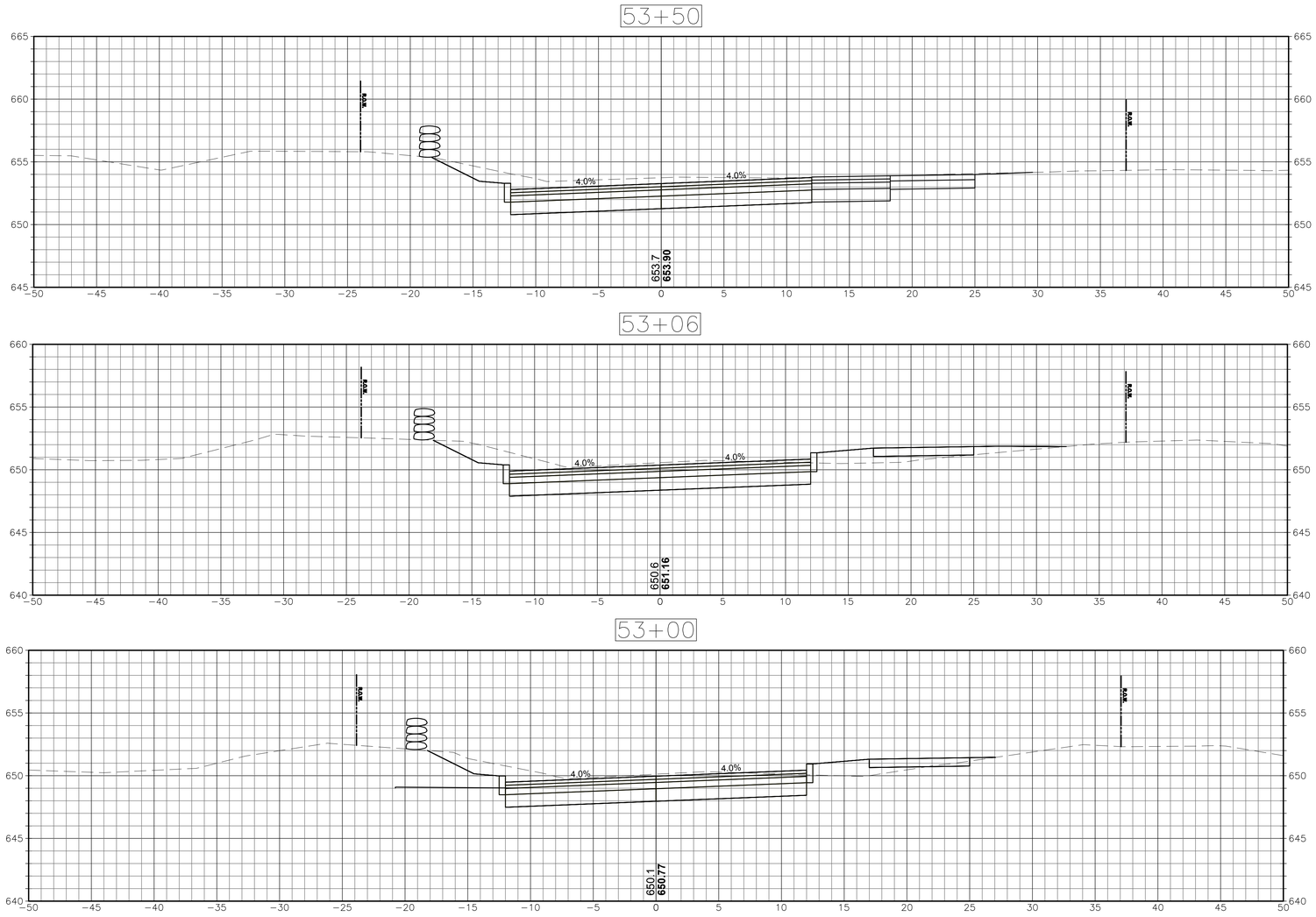
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CROSS SECTIONS

SCALE 1"=5'

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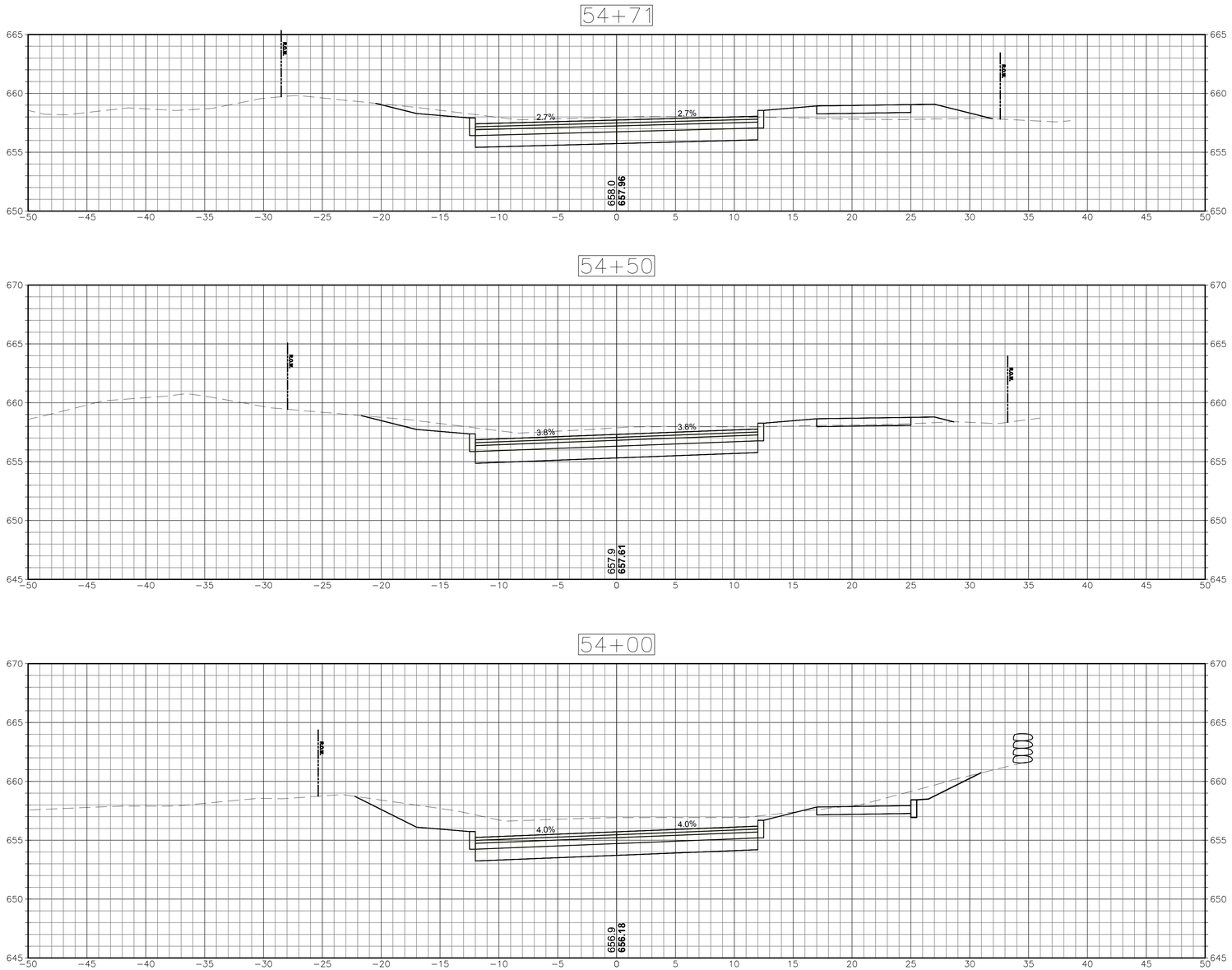
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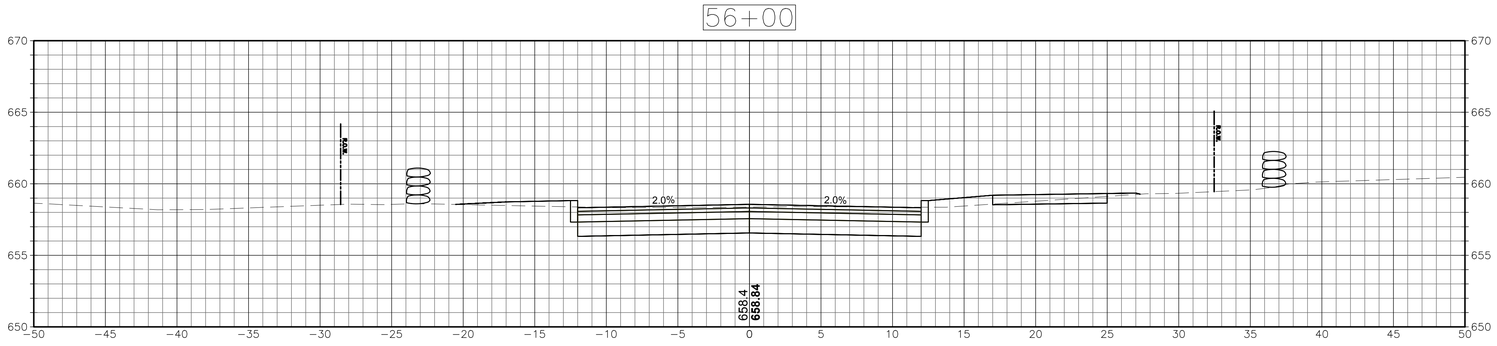
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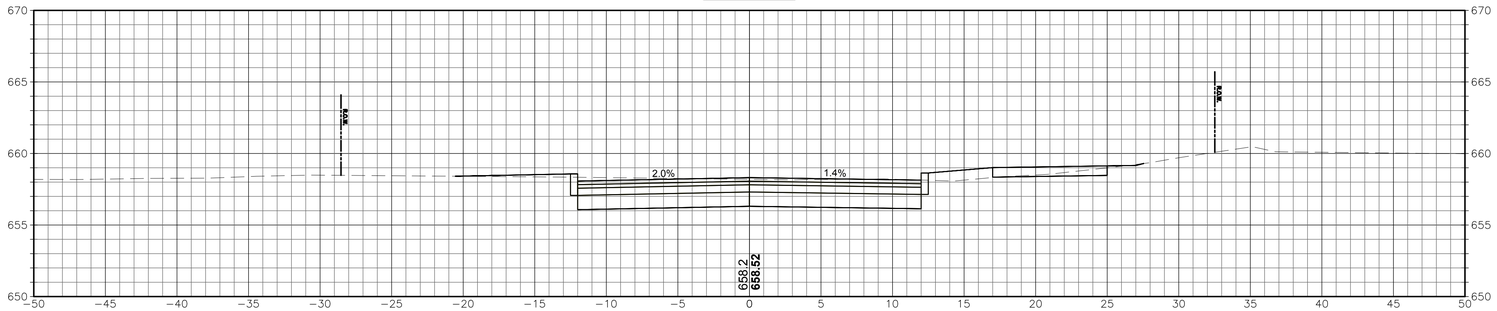
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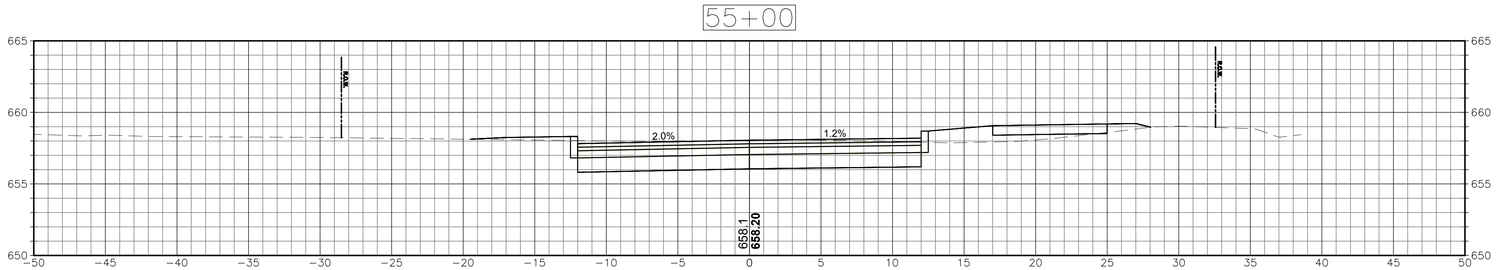
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CROSS SECTIONS
SCALE 1"=5'

Project:

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

CROSS SECTIONS

Sheet Number:

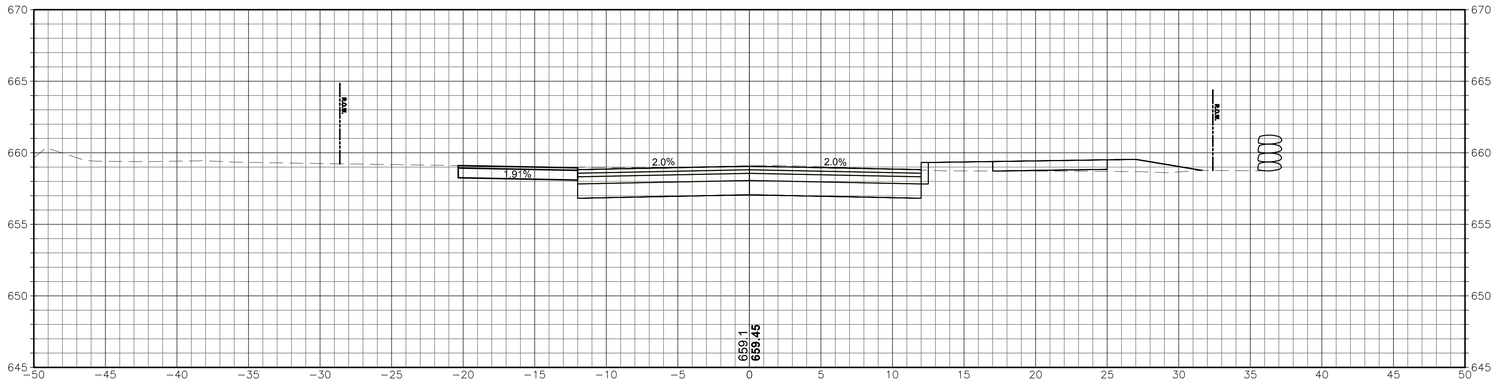
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Rev: 1.6 Date: 04/10/2019

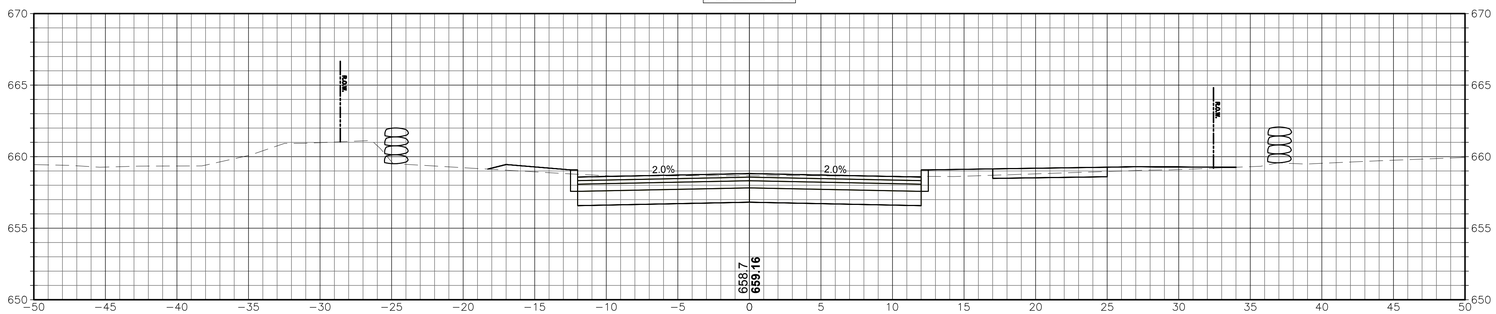
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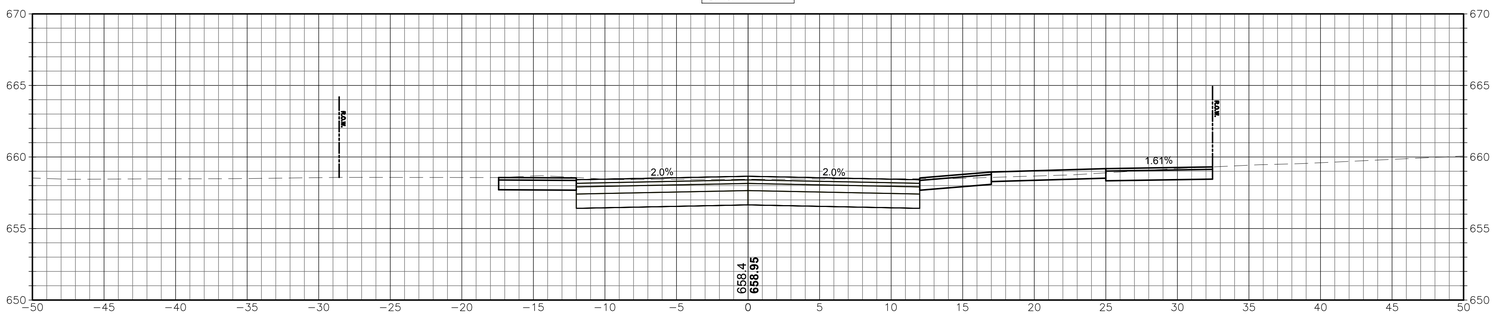
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56+50



56+17



CROSS SECTIONS

SCALE 1"=5'

Project:

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COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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W&S File No.:	

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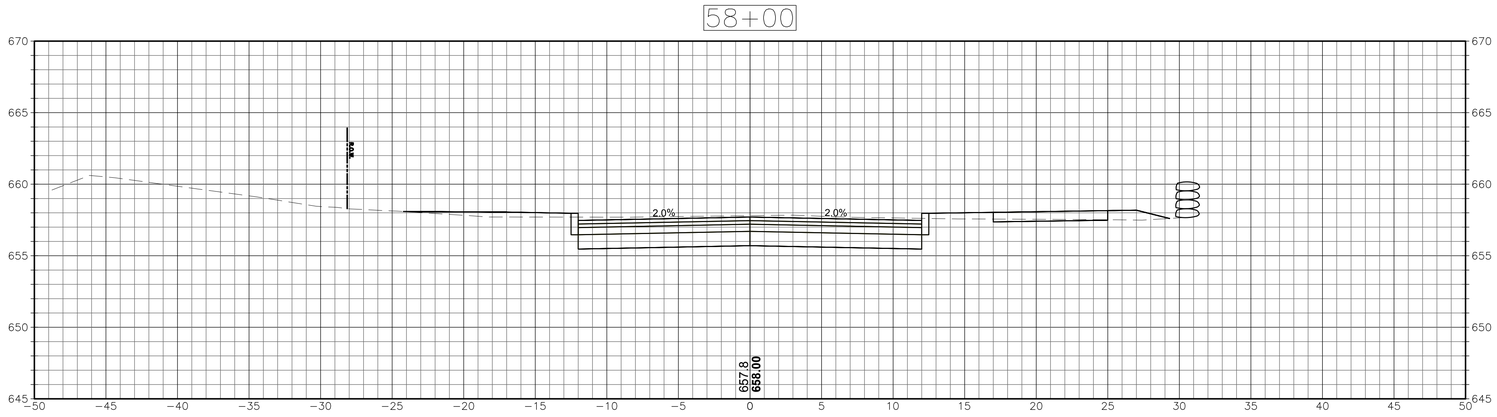
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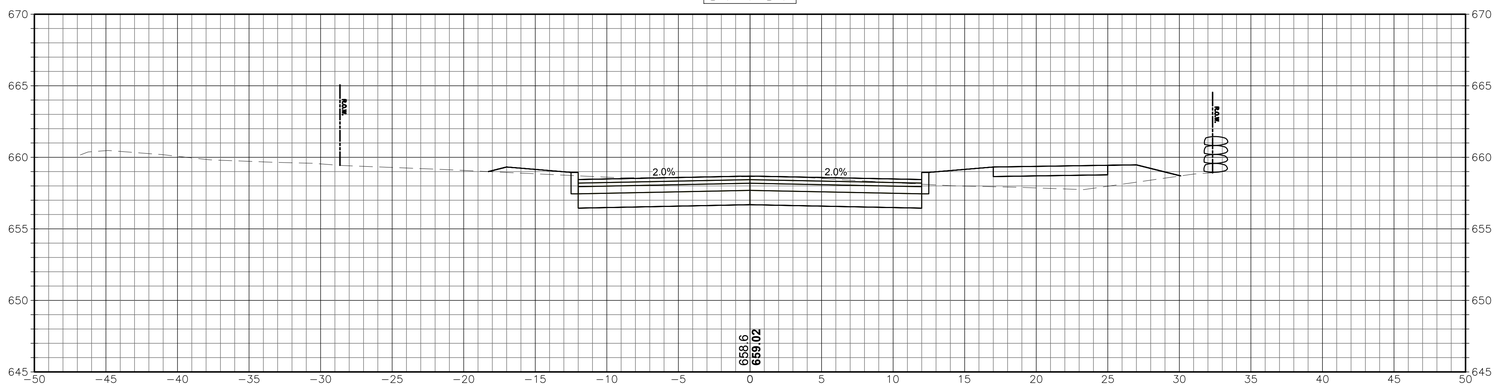
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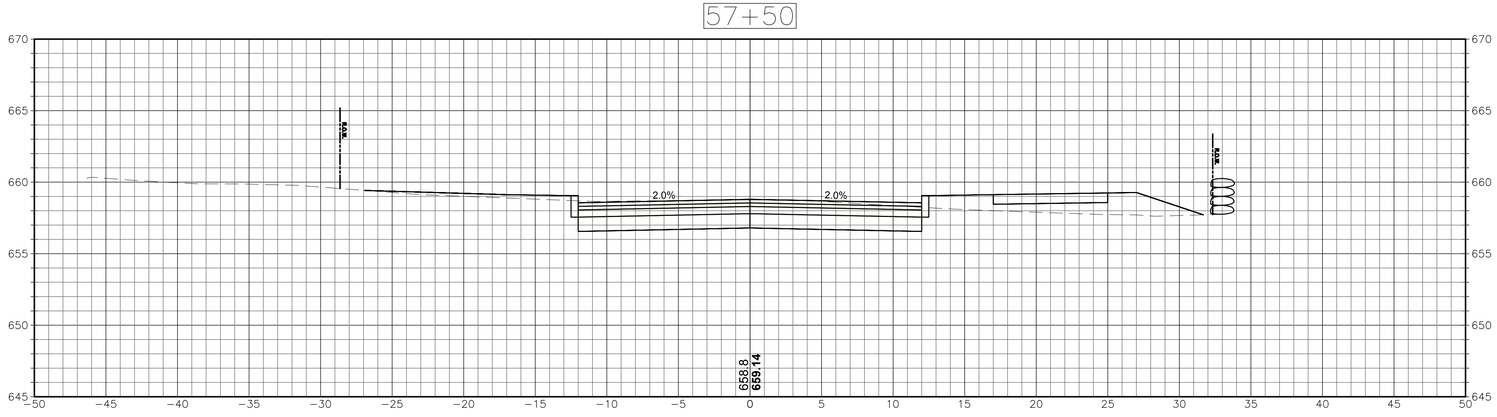
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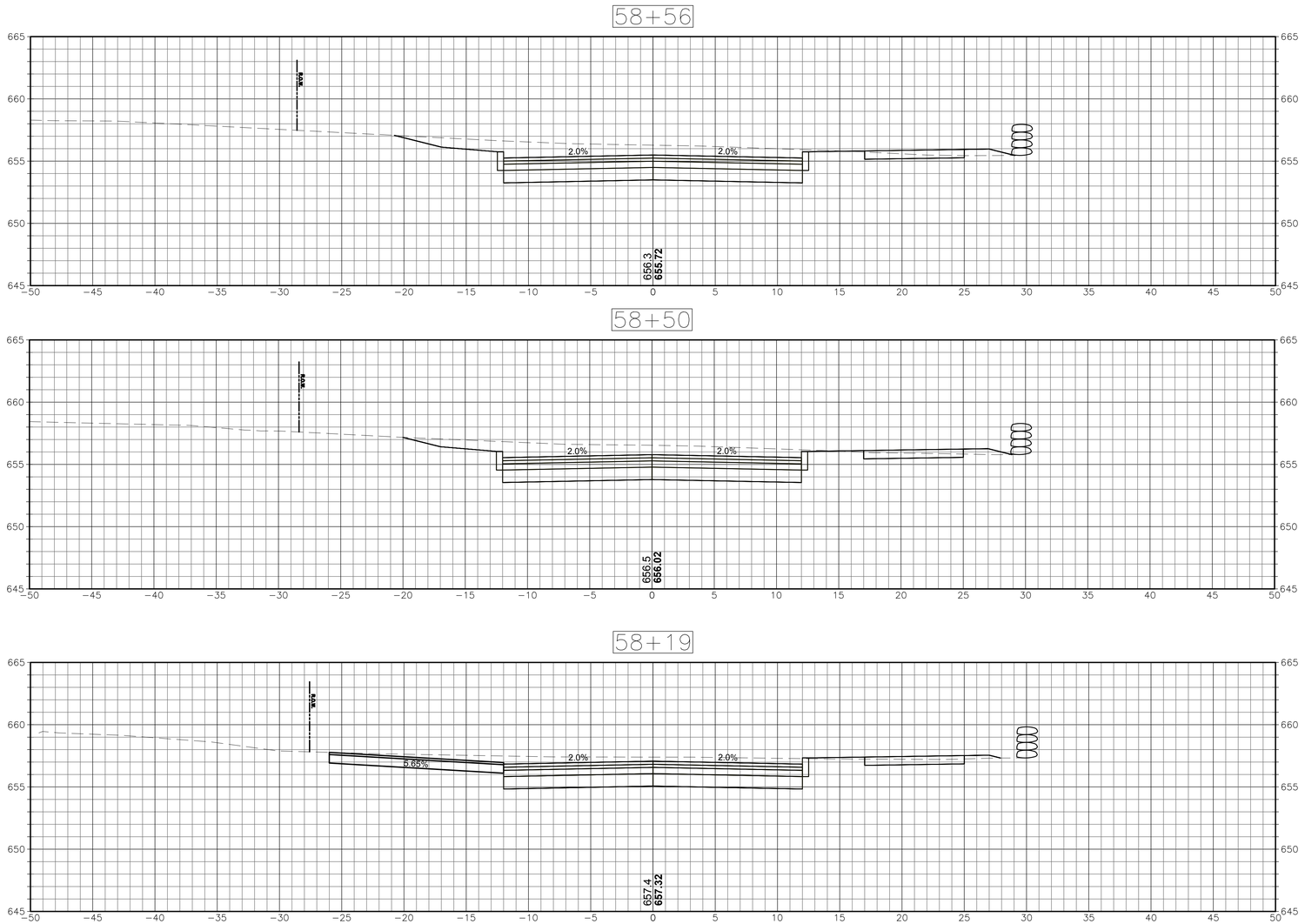
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W&S File No.:	

Drawing Title:

CROSS SECTIONS

Sheet Number:

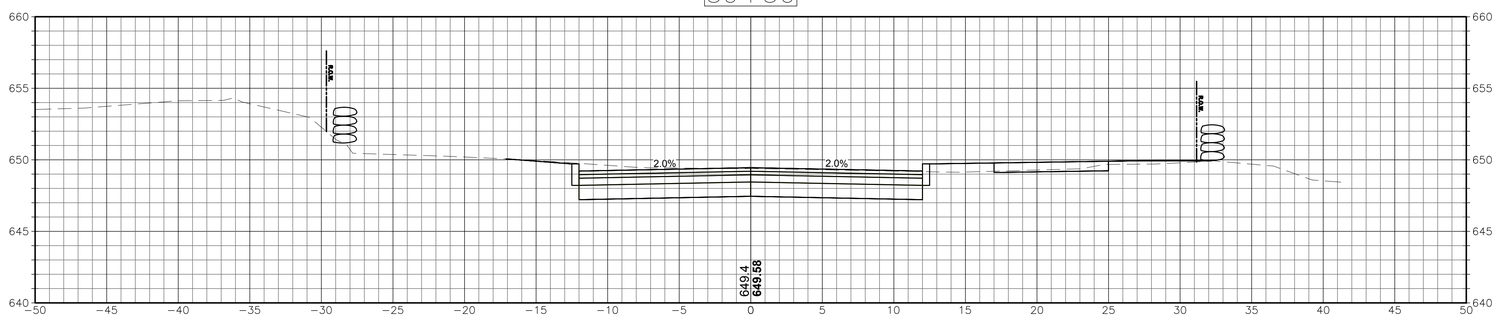
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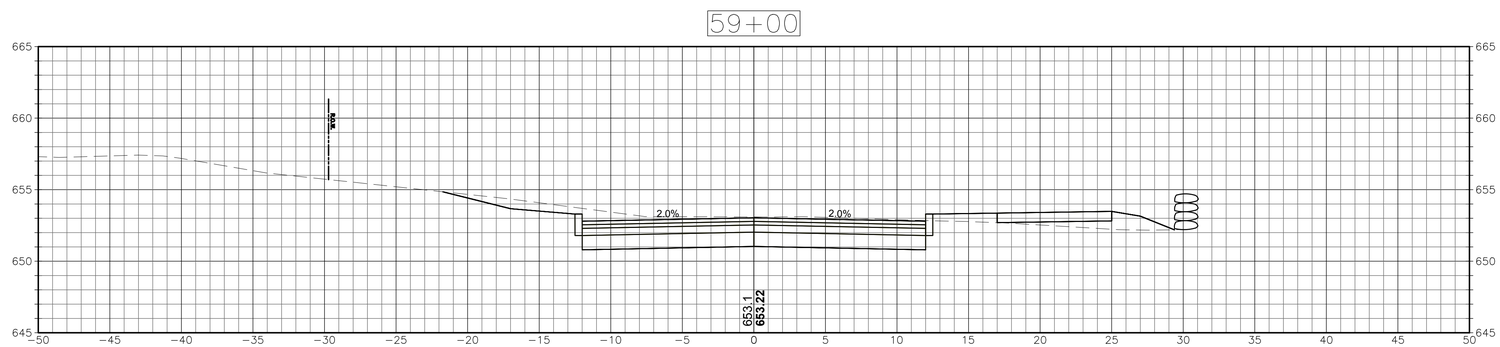
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SCALE 1"=5'

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W&S File No.:	

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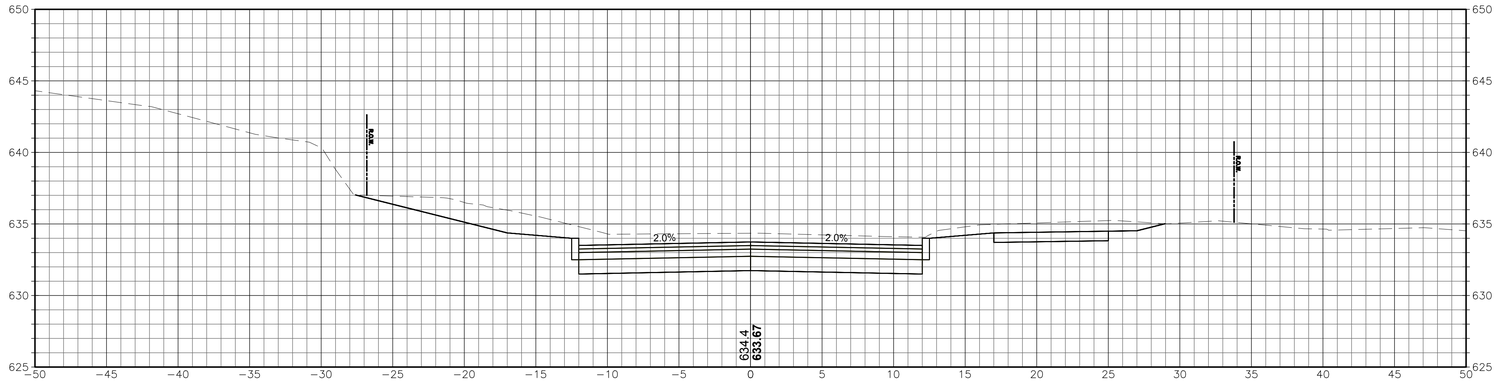
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Rev: 1.0 Date: 04/10/2019

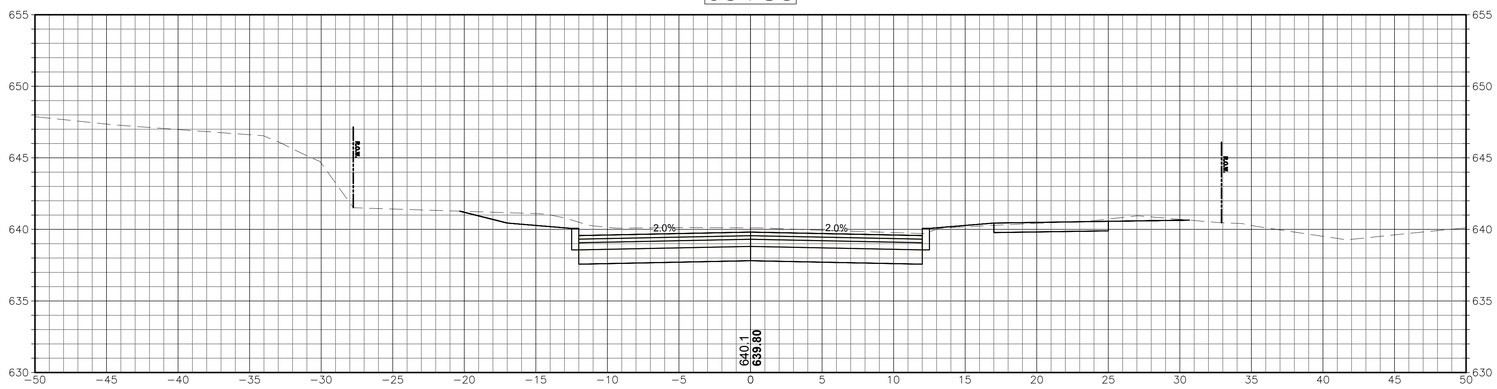
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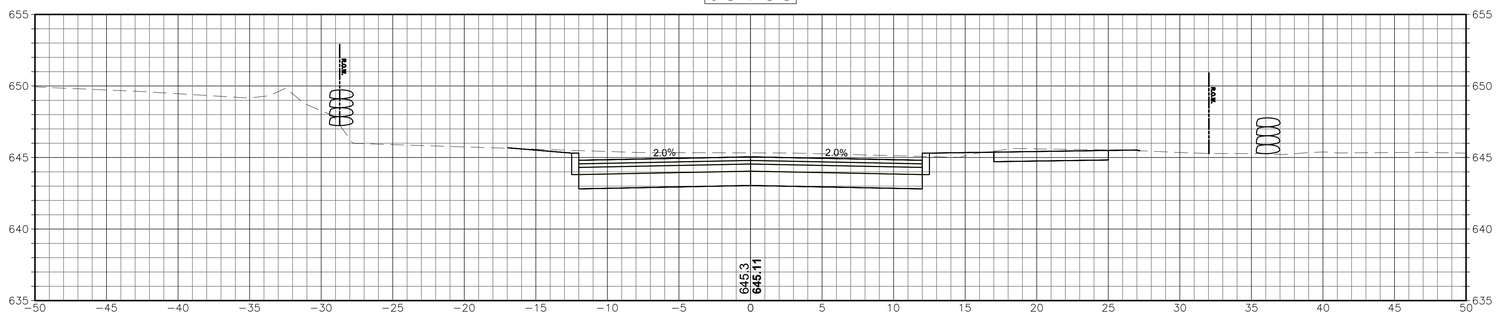
61+00



60+50



60+00



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

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W&S File No.:	

Drawing Title:

CROSS SECTIONS

Sheet Number:

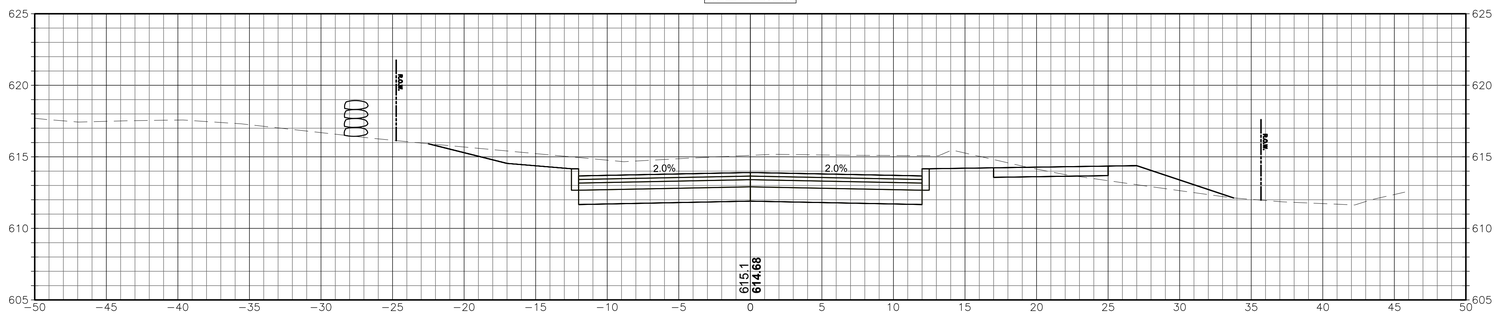
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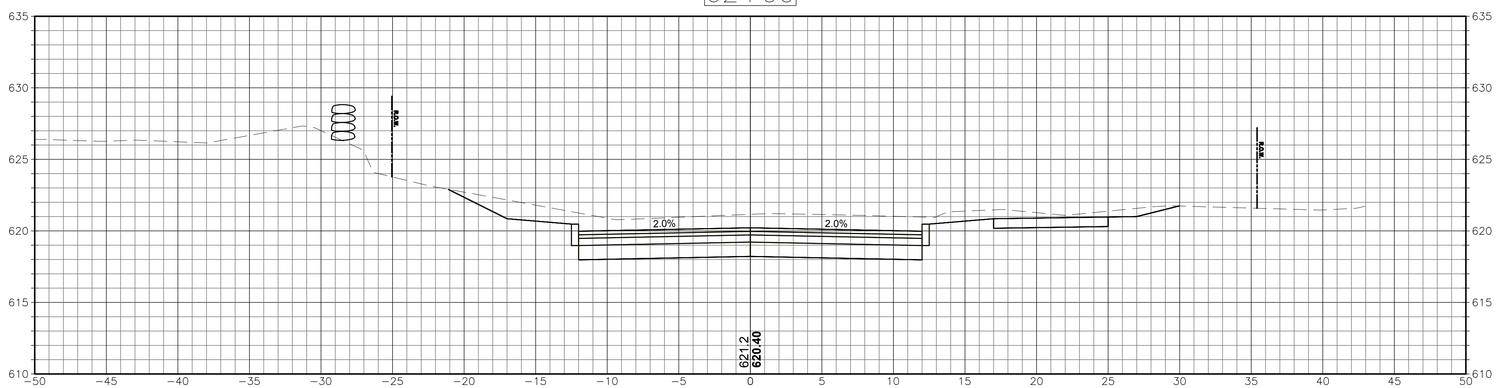
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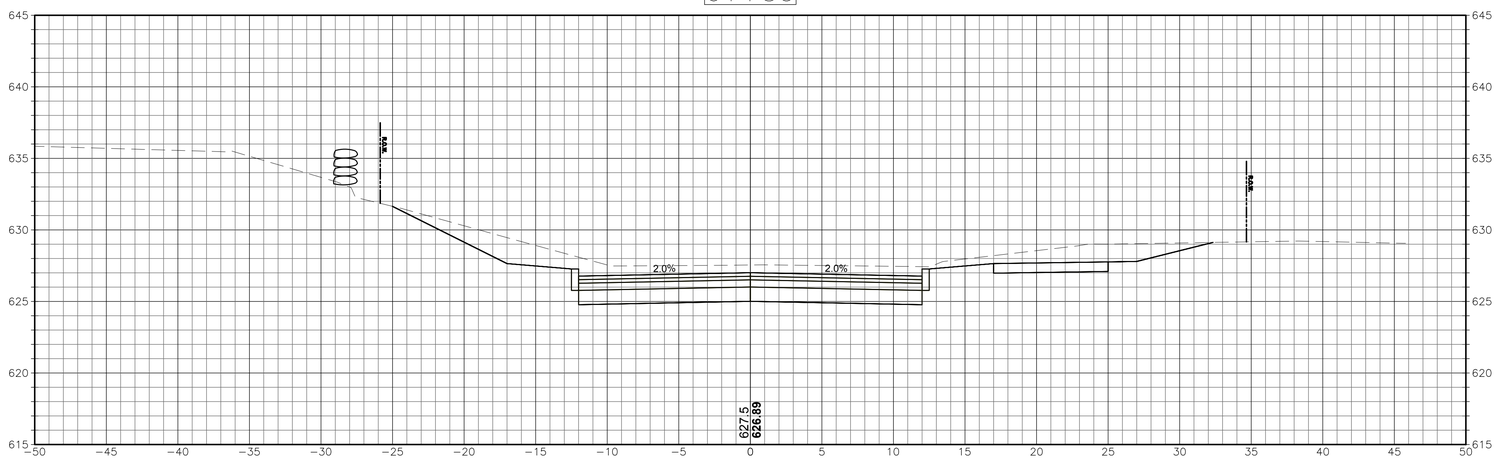
62+50



62+00



61+50



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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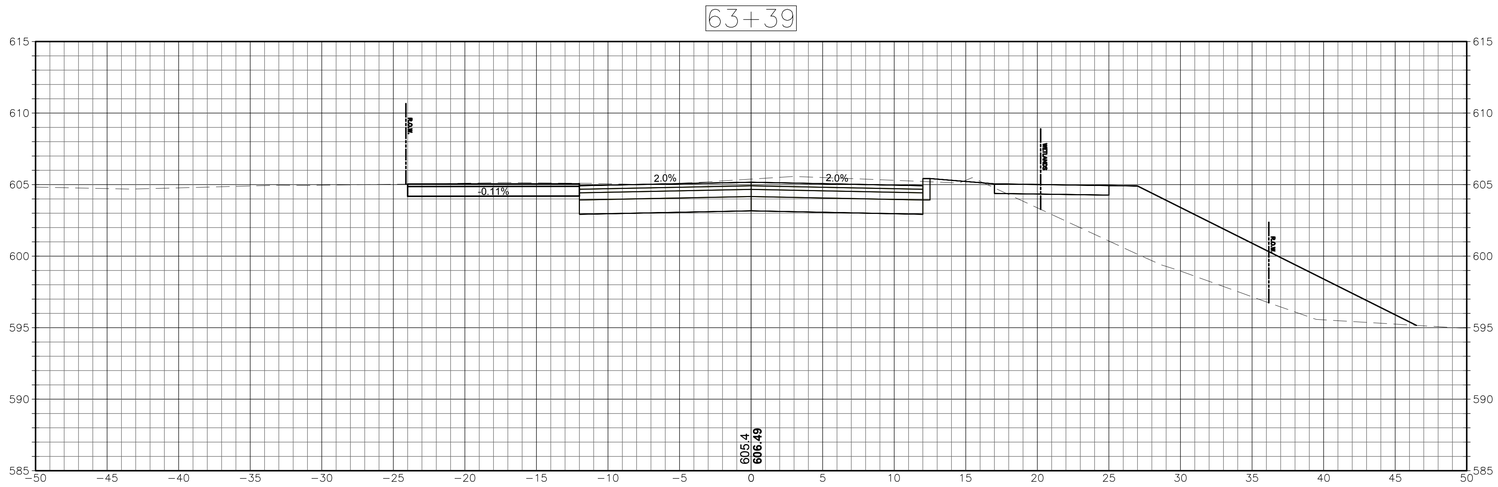
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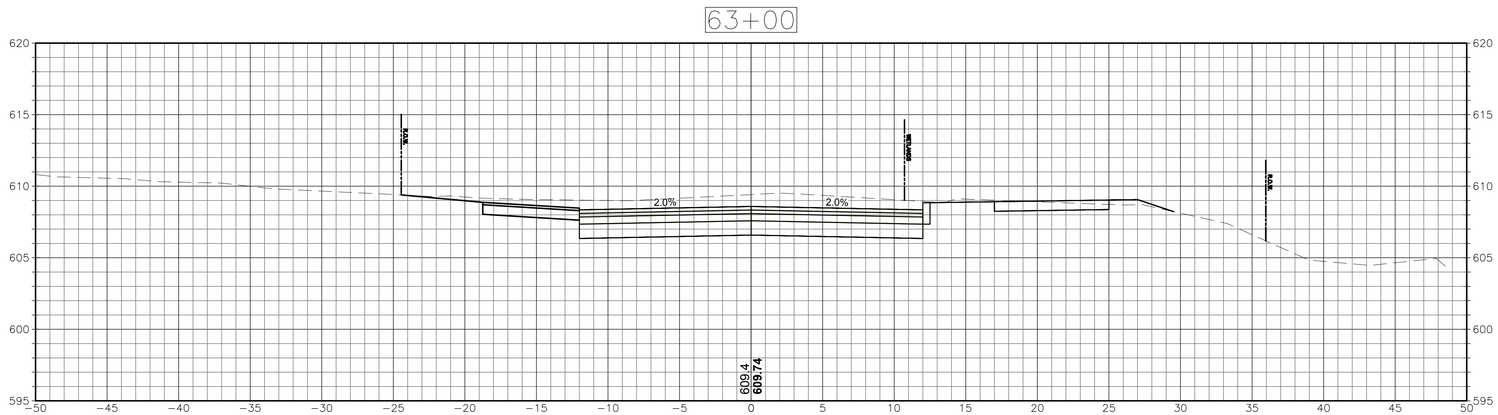
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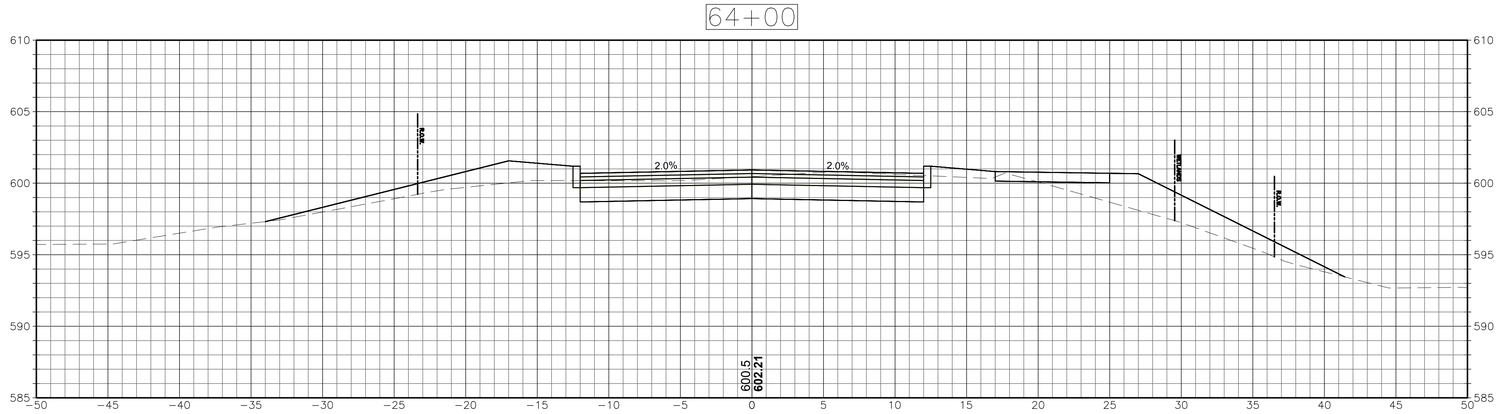
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W&S File No.:	

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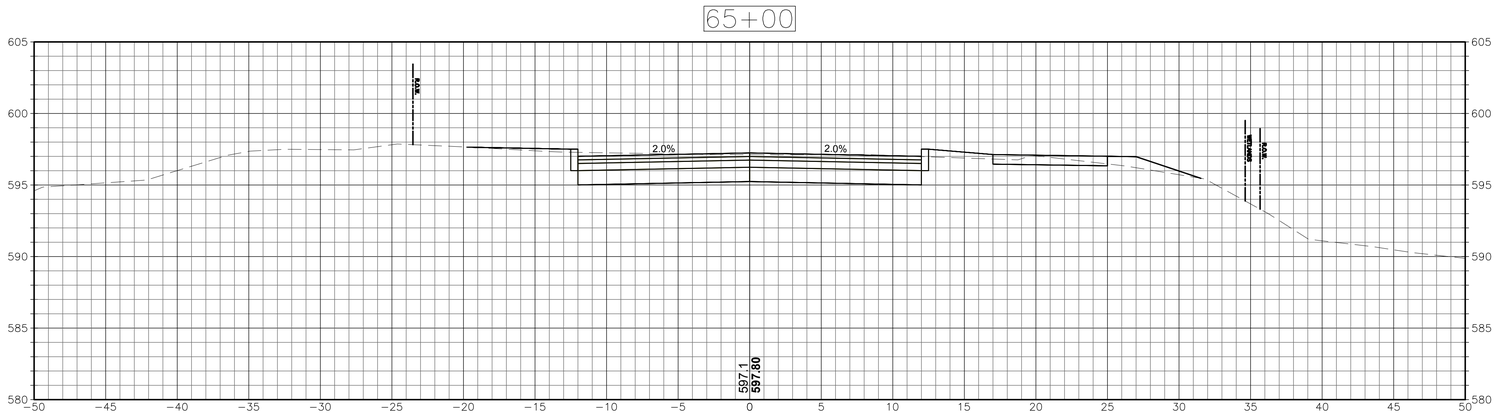
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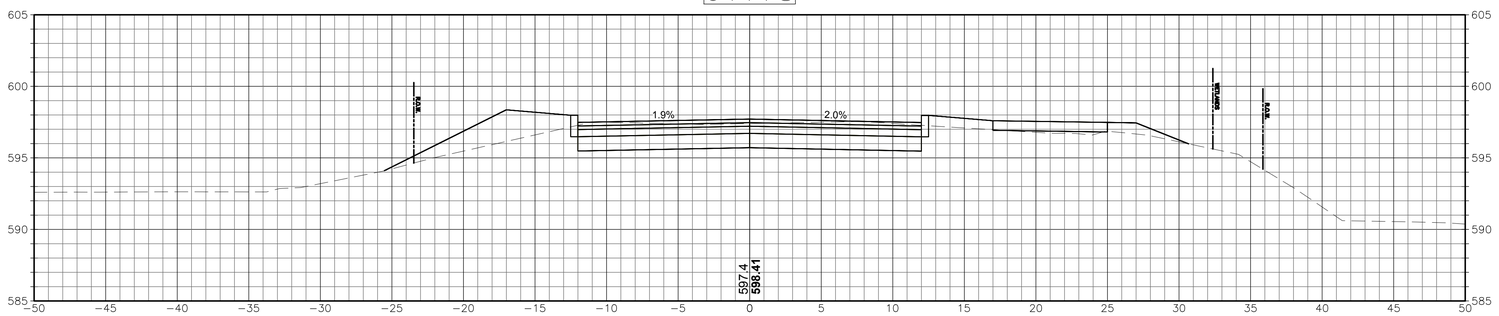
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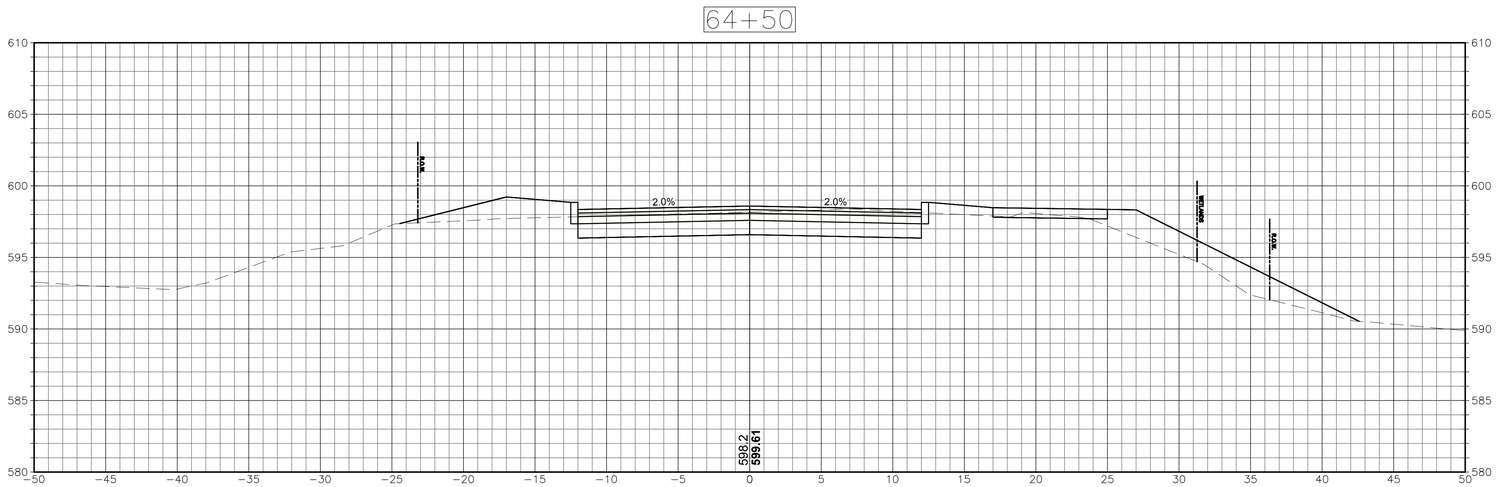
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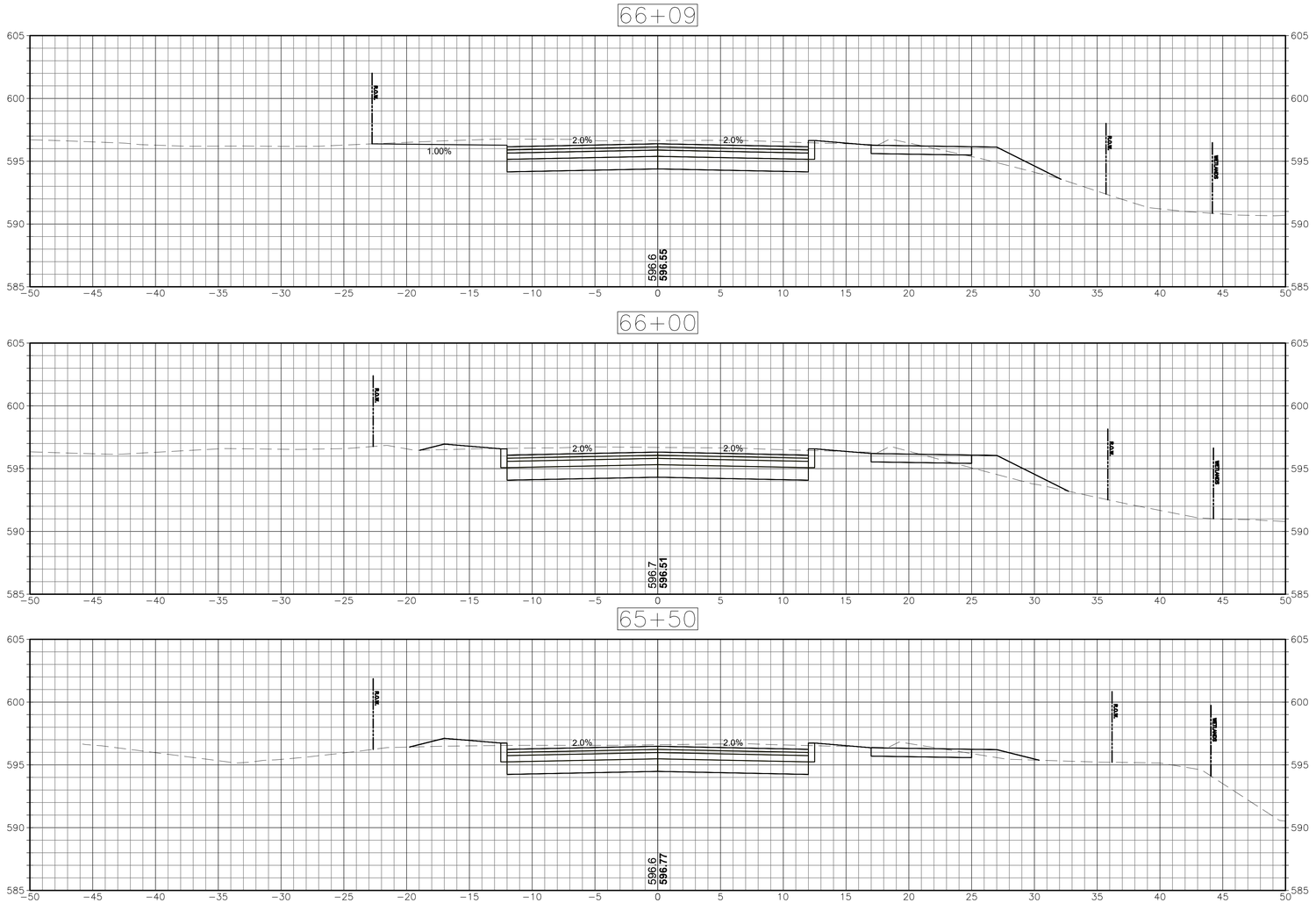
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CROSS SECTIONS
SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

Weston & Sampson

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Drawn By:	WW
Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

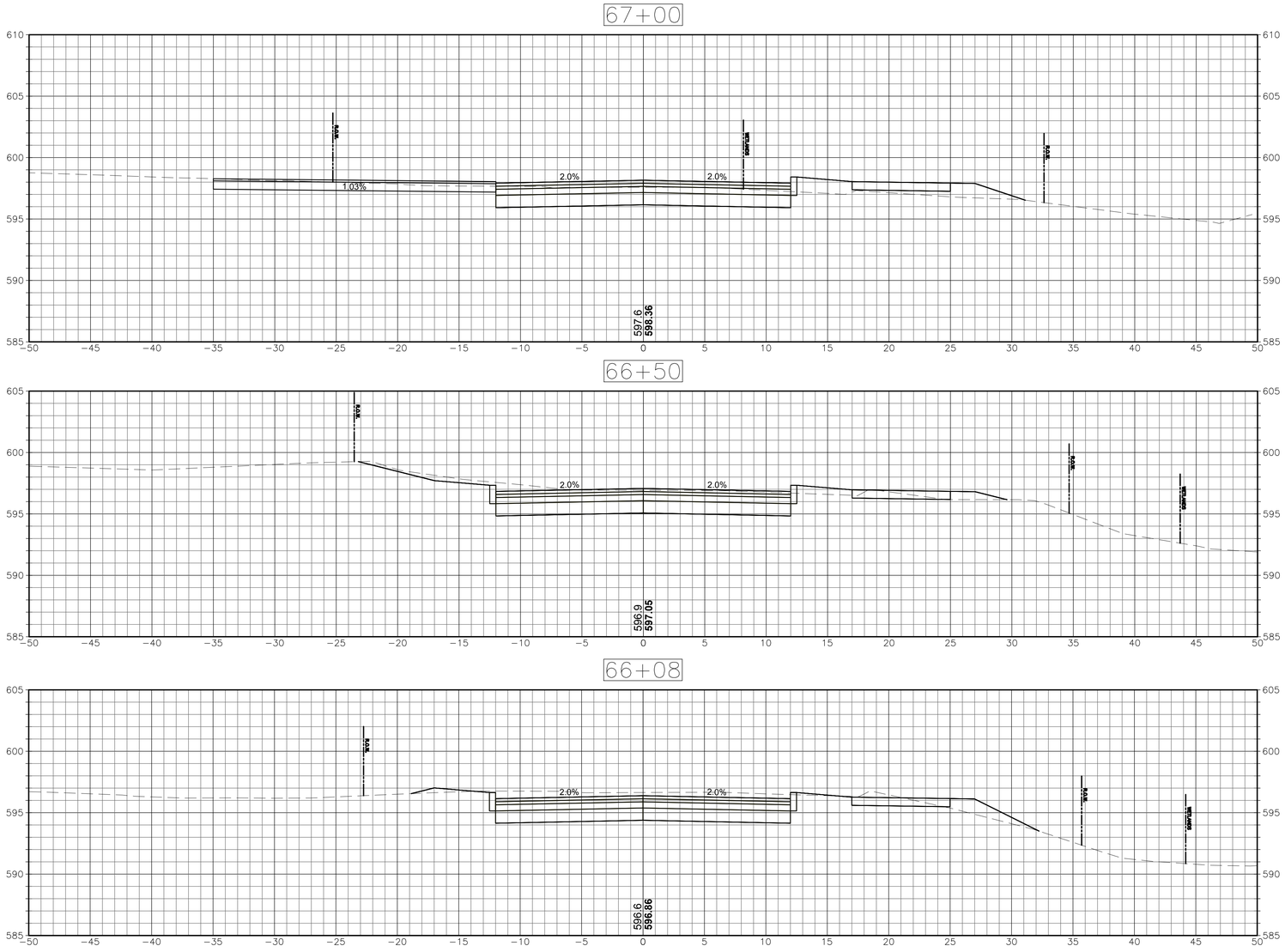
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Sheet Number:

XSC-49

Rev: 1.0 Date: 04/10/2019

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CROSS SECTIONS
SCALE 1"=5'

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W&S File No.:	

Drawing Title:

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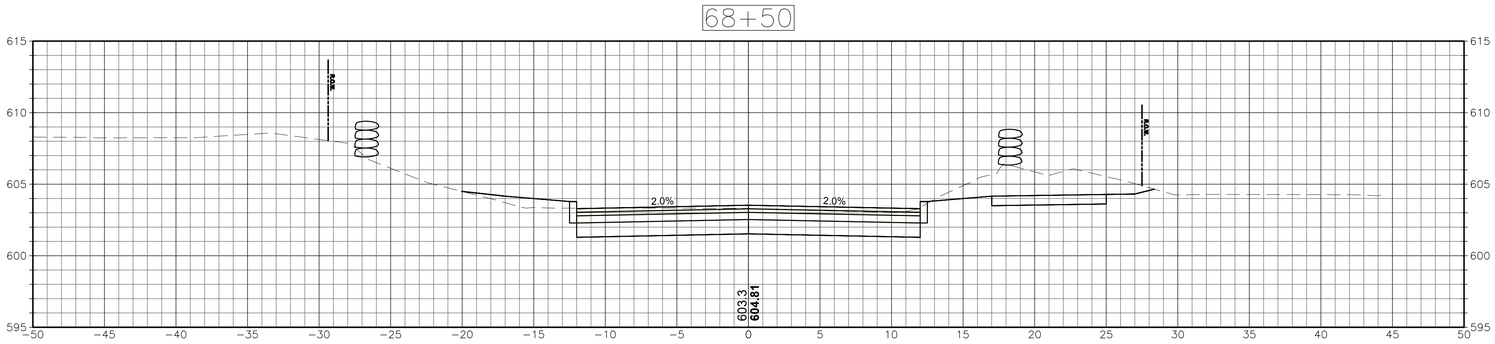
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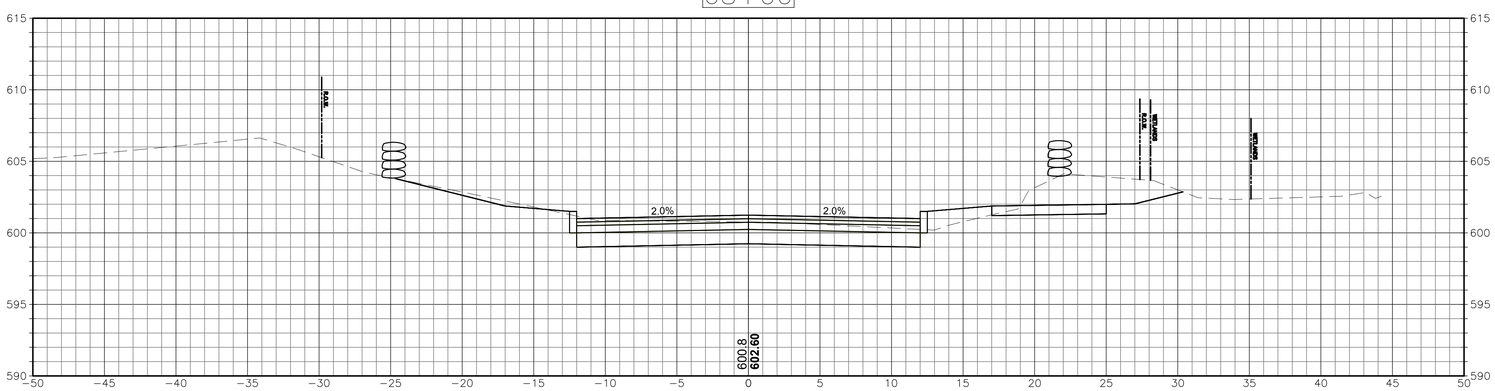
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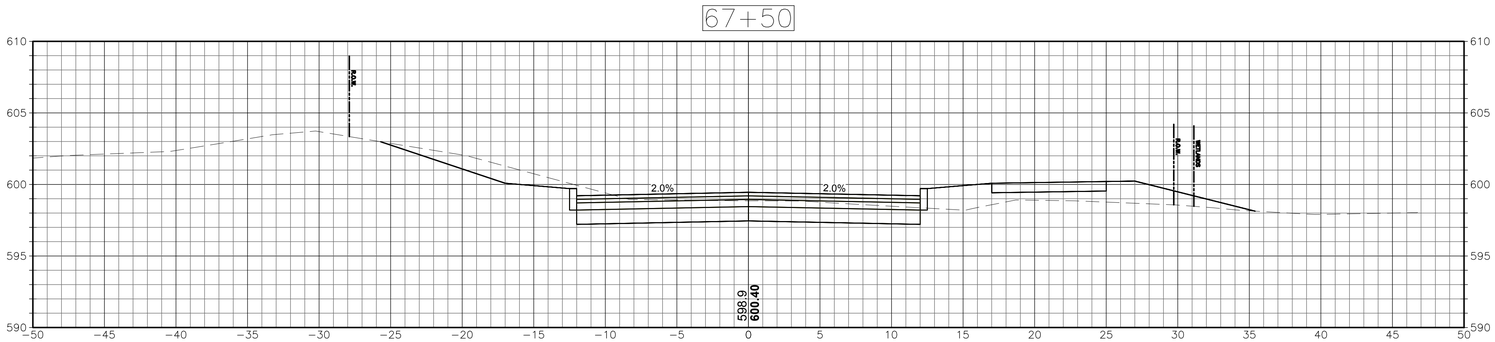
Rev: 1.6 Date: 04/10/2019

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CROSS SECTIONS
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COMPLETE STREETS
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RECONSTRUCTION & MULTI-USE
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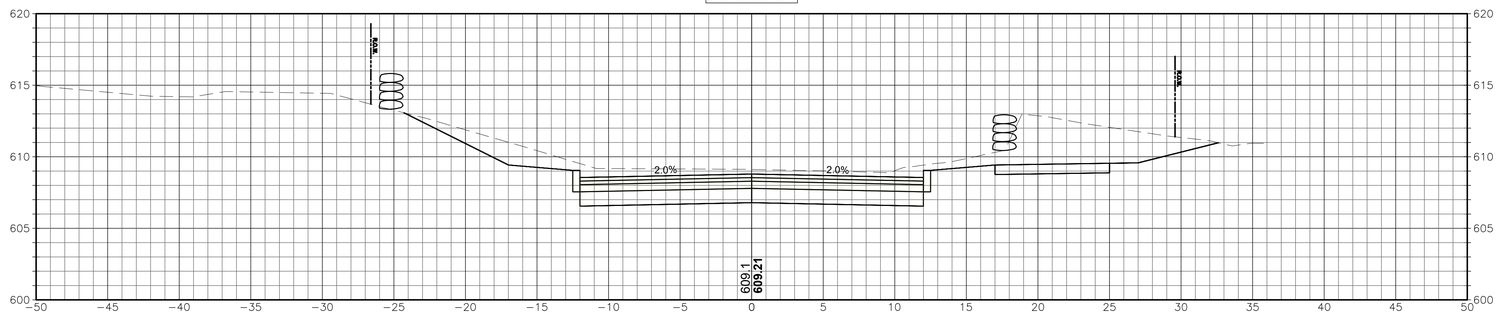
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Rev: 1.6 Date: 04/10/2019

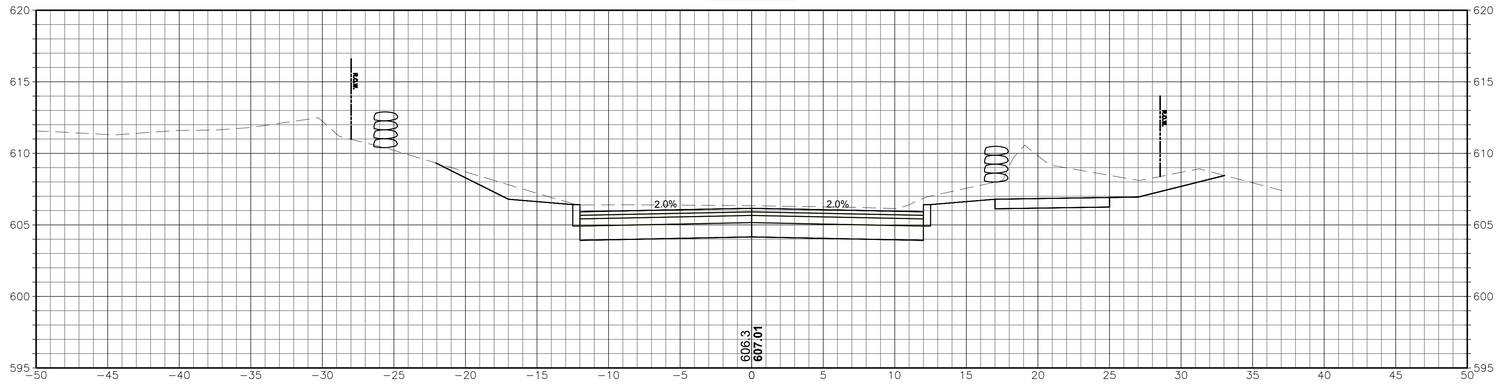
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69+50



69+00



68+65

CROSS SECTIONS

SCALE 1"=5'

Project:

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RECONSTRUCTION & MULTI-USE
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Approved By:	JWS
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W&S File No.:	

Drawing Title:

CROSS SECTIONS

Sheet Number:

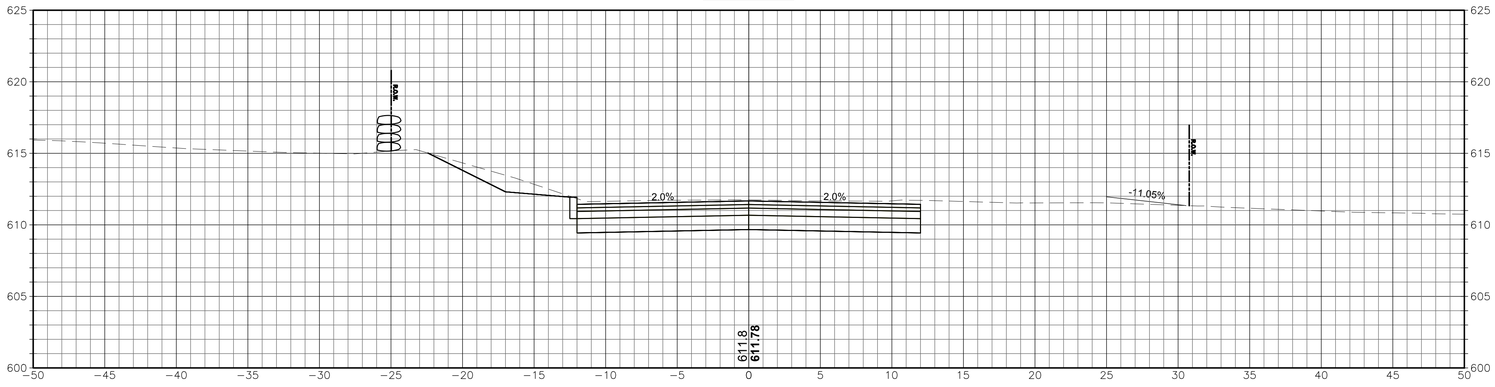
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Rev. 1.8 Date: 04/10/2019

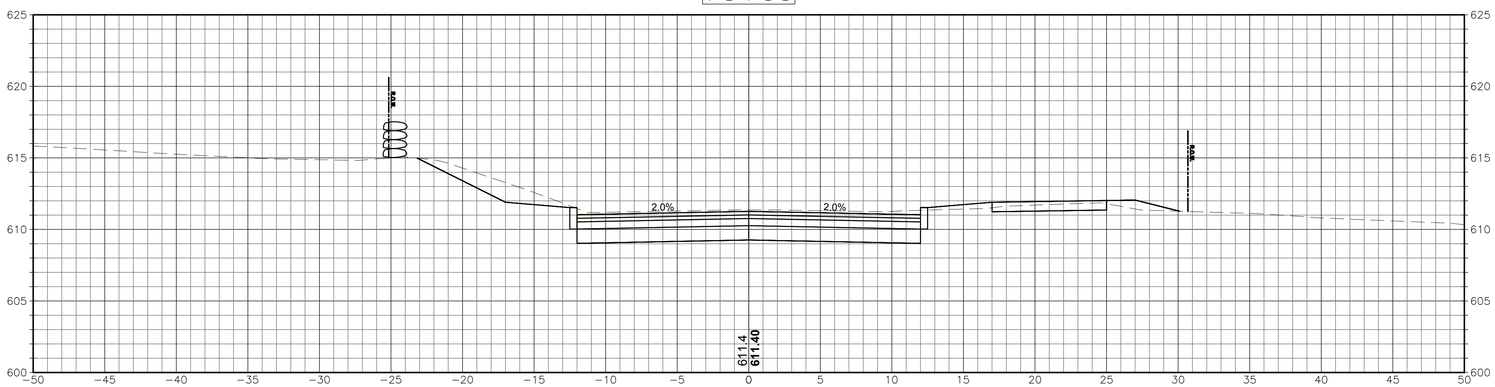
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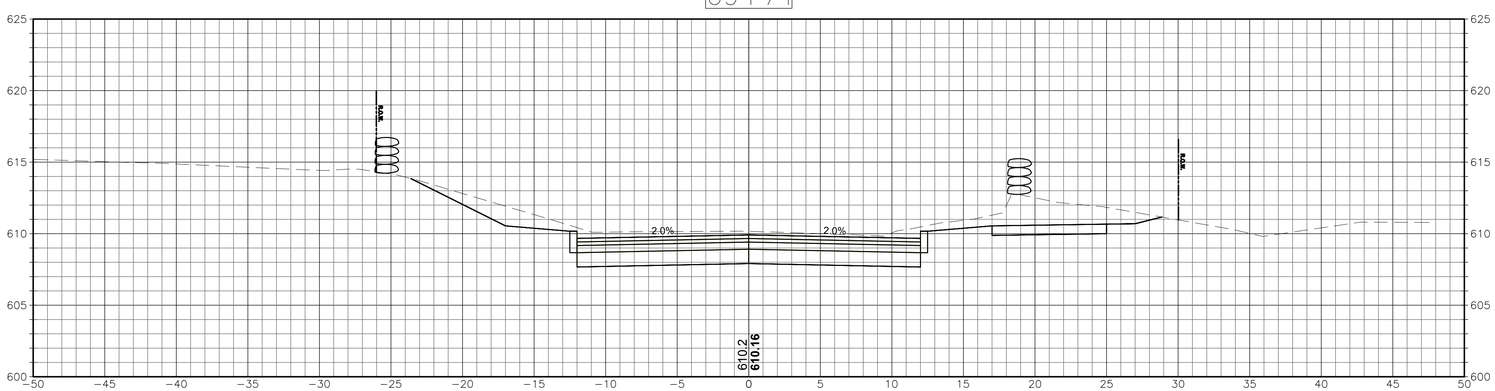
70+10



70+00



69+71



CROSS SECTIONS
SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

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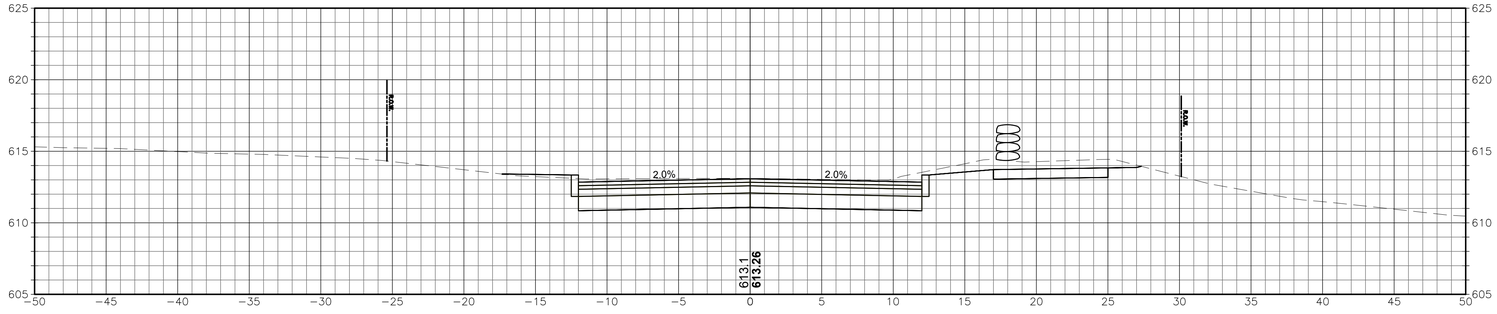
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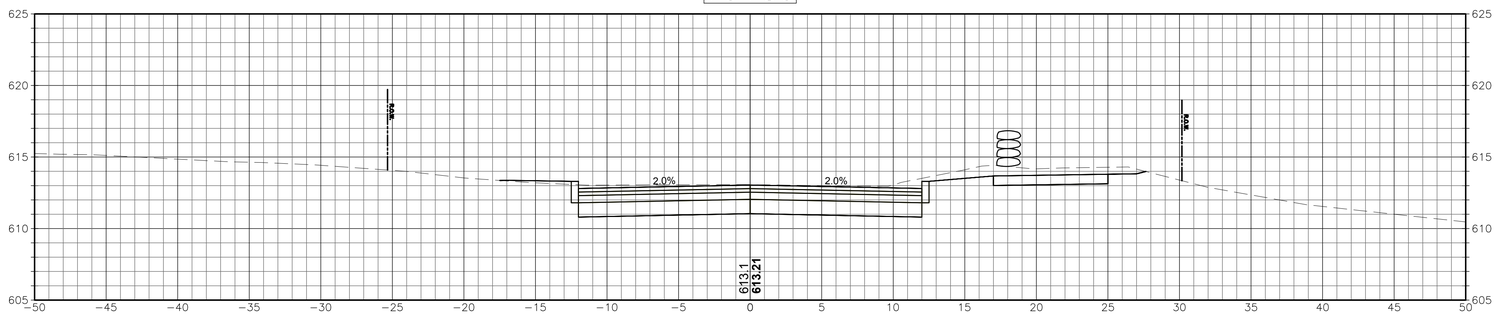
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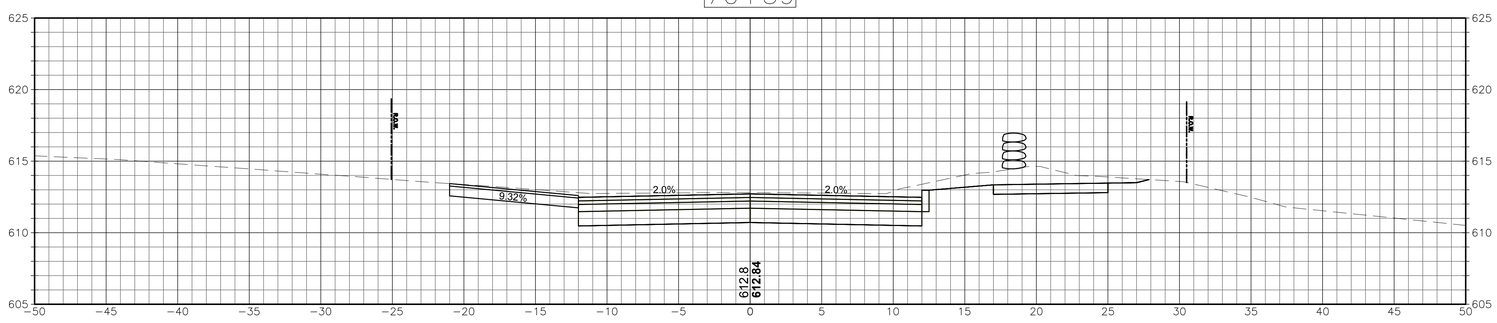
70+51



70+50



70+39



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

CROSS SECTIONS

Sheet Number:

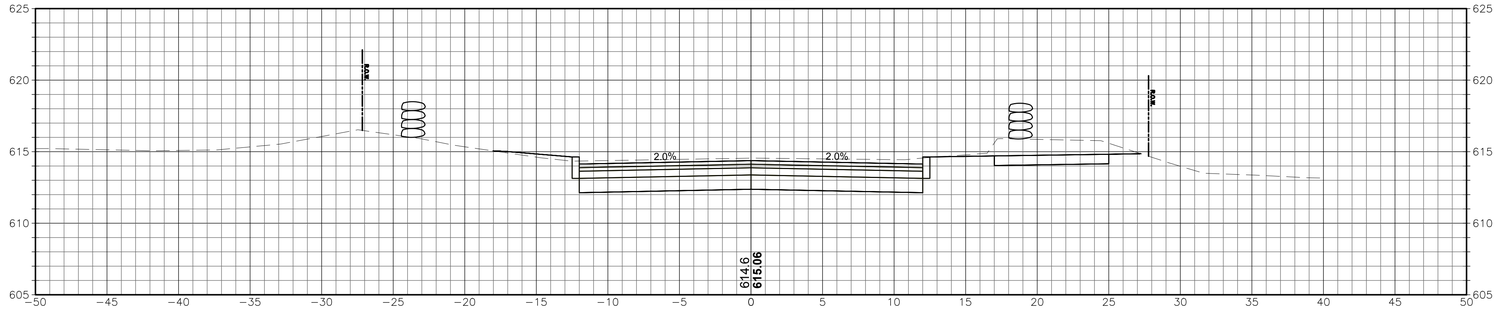
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Rev: 1.8 Date: 04/10/2019

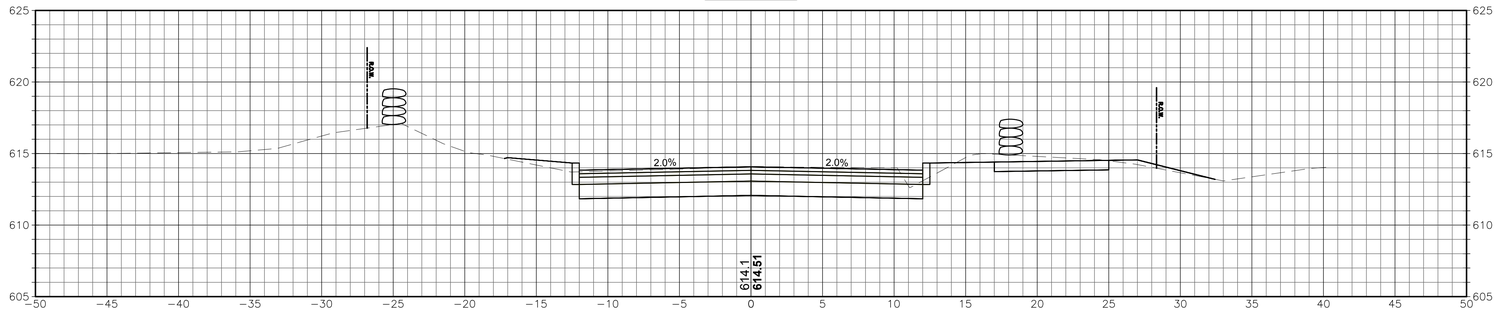
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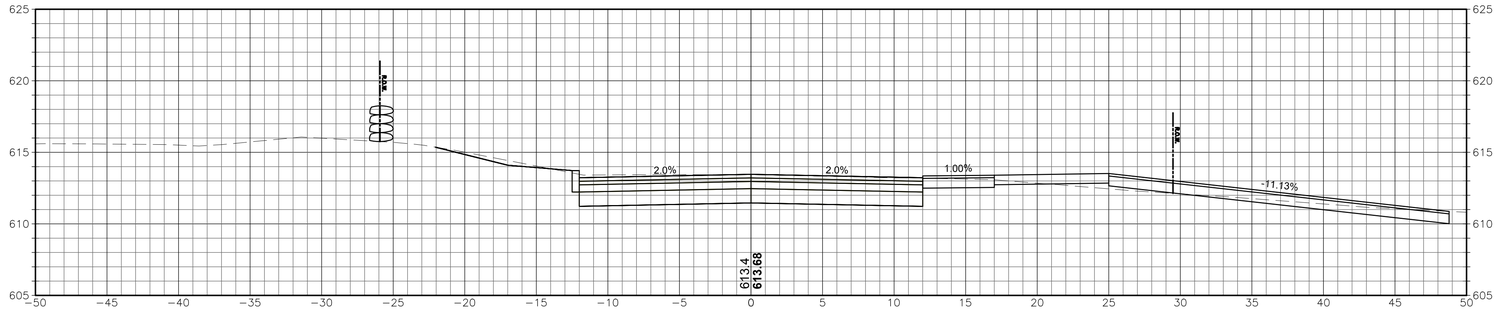
71+31



71+00



70+66



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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Approved By:	JWS
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W&S File No.:	

Drawing Title:

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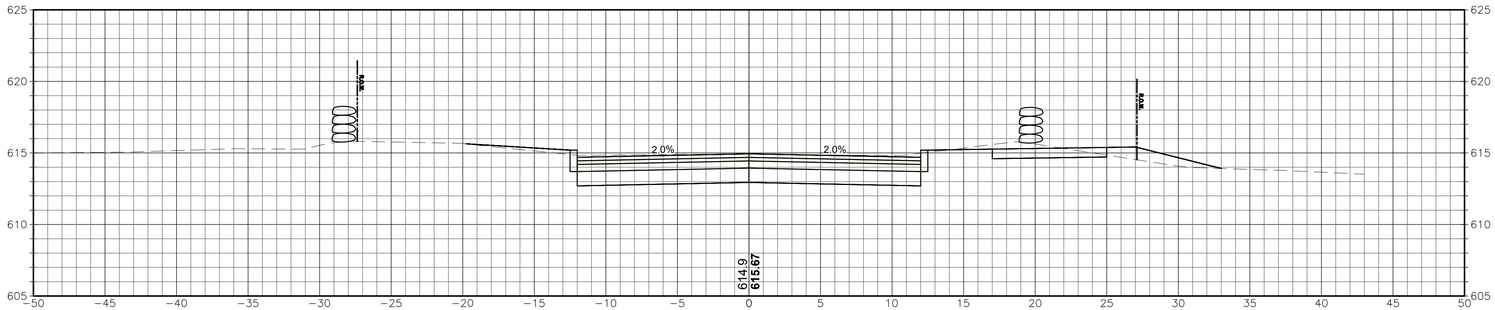
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Rev: 1.6 Date: 04/10/2019

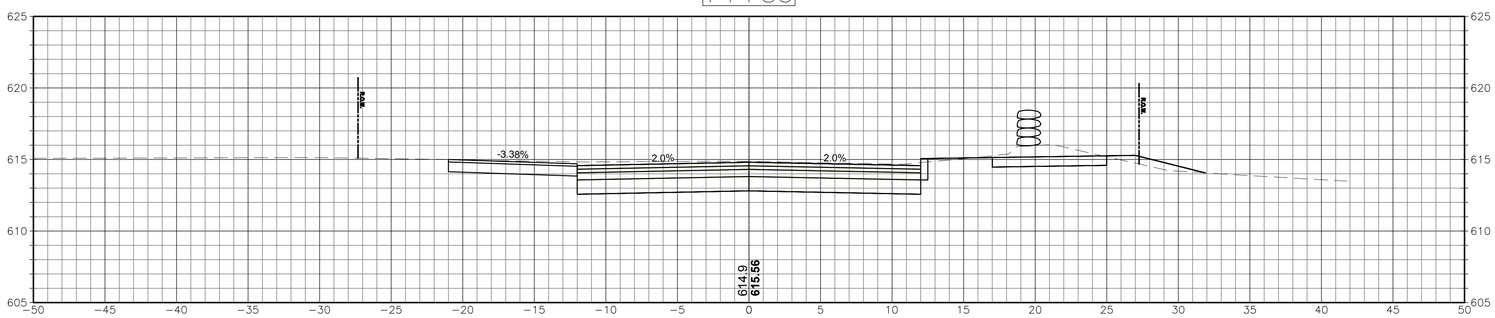
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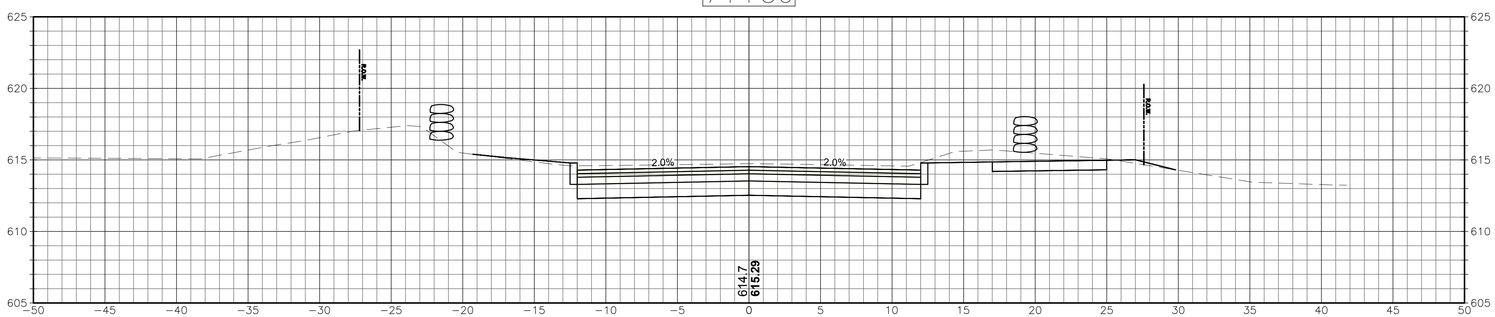
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71+85



71+50



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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W&S File No.:	

Drawing Title:

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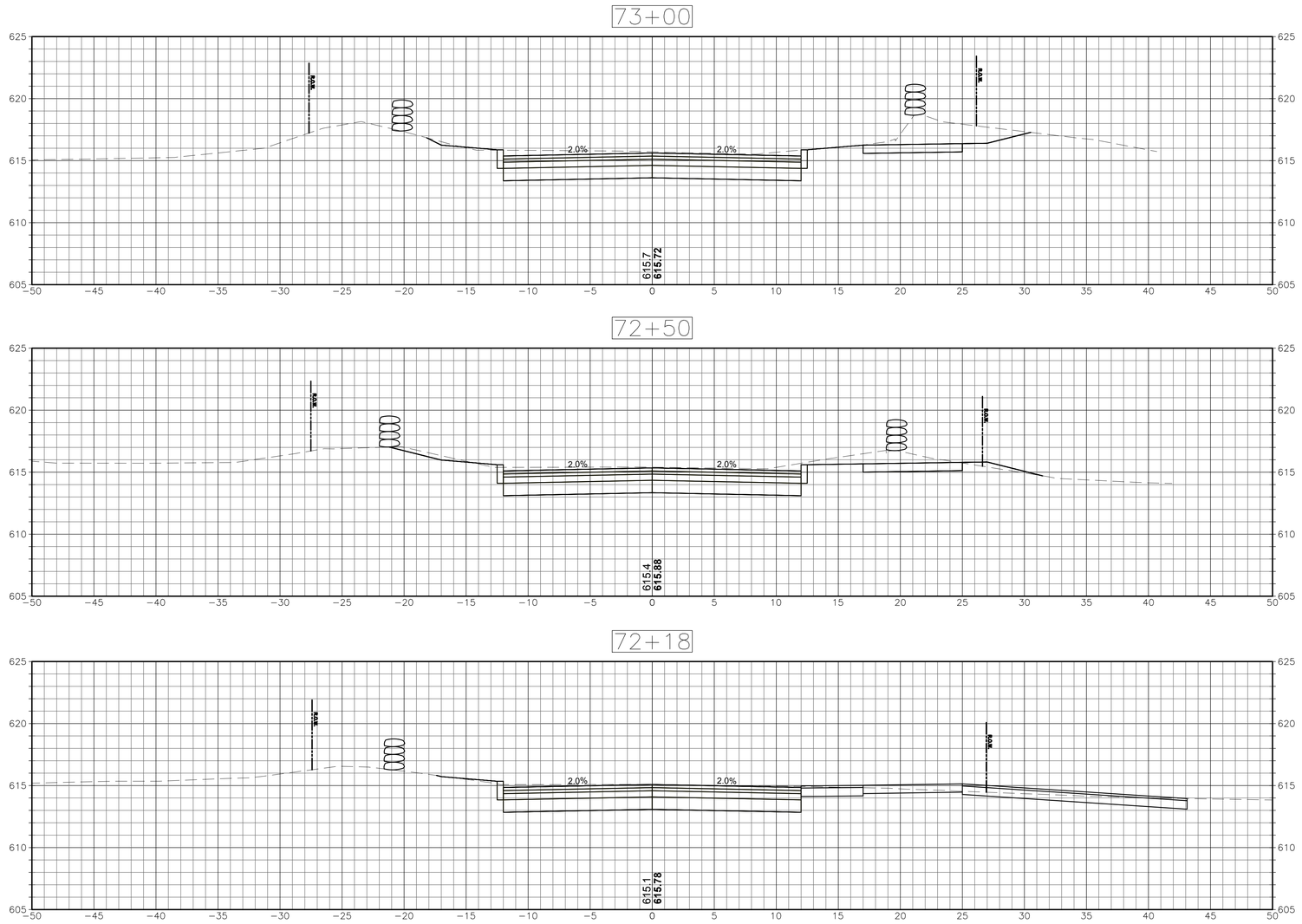
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CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
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CRITICAL CROSS SECTIONS

Sheet Number:

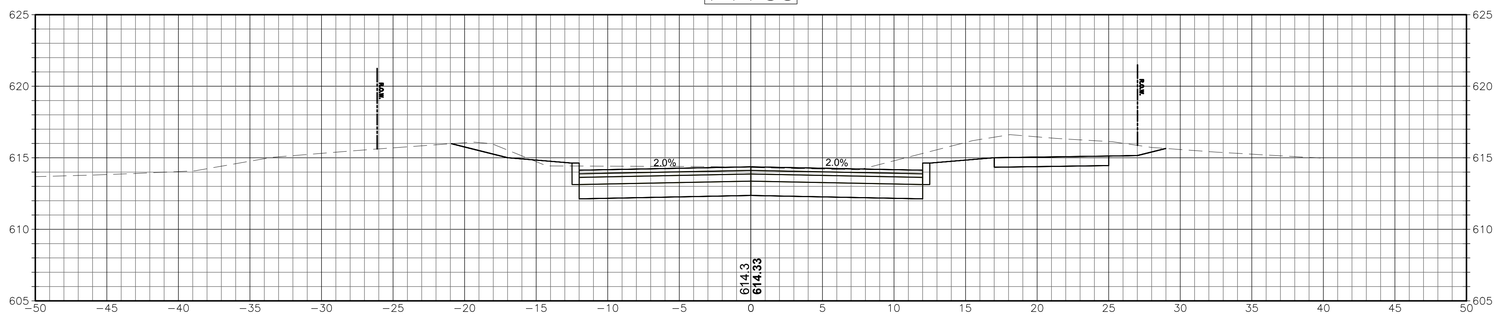
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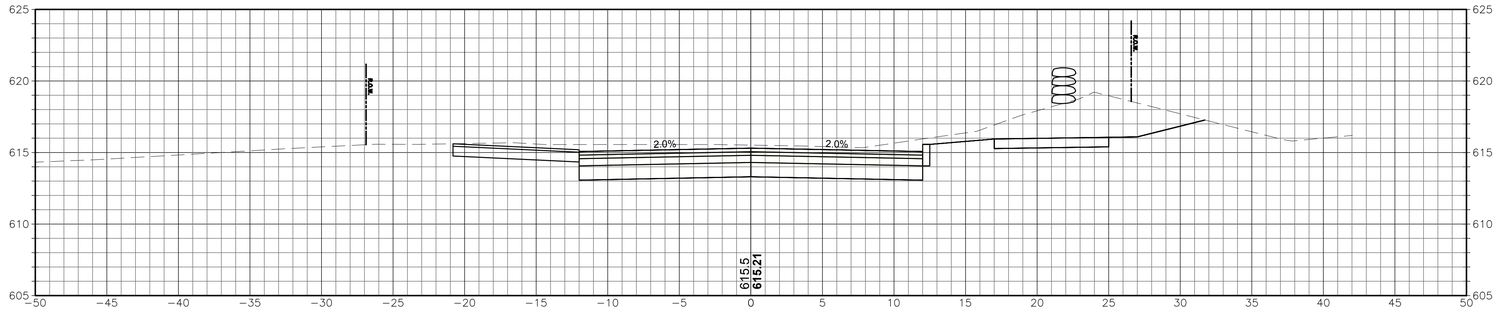
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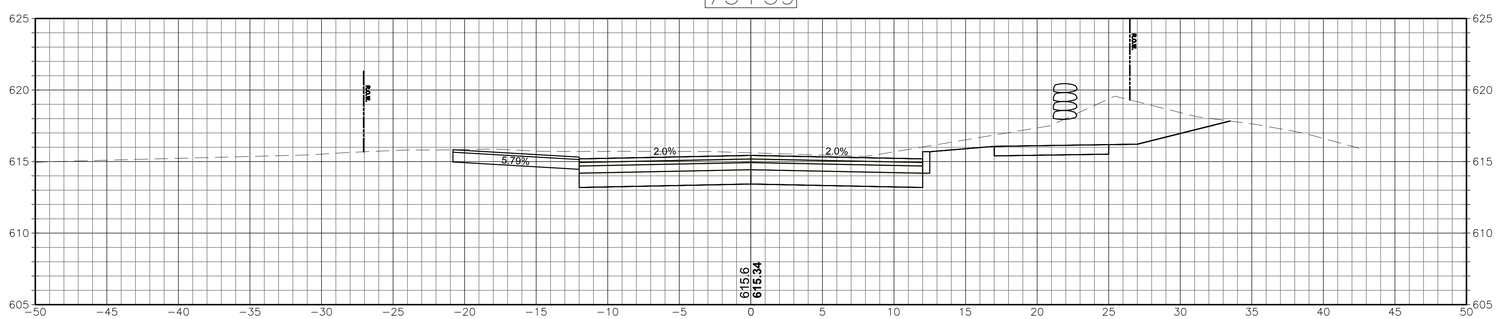
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73+50



73+39



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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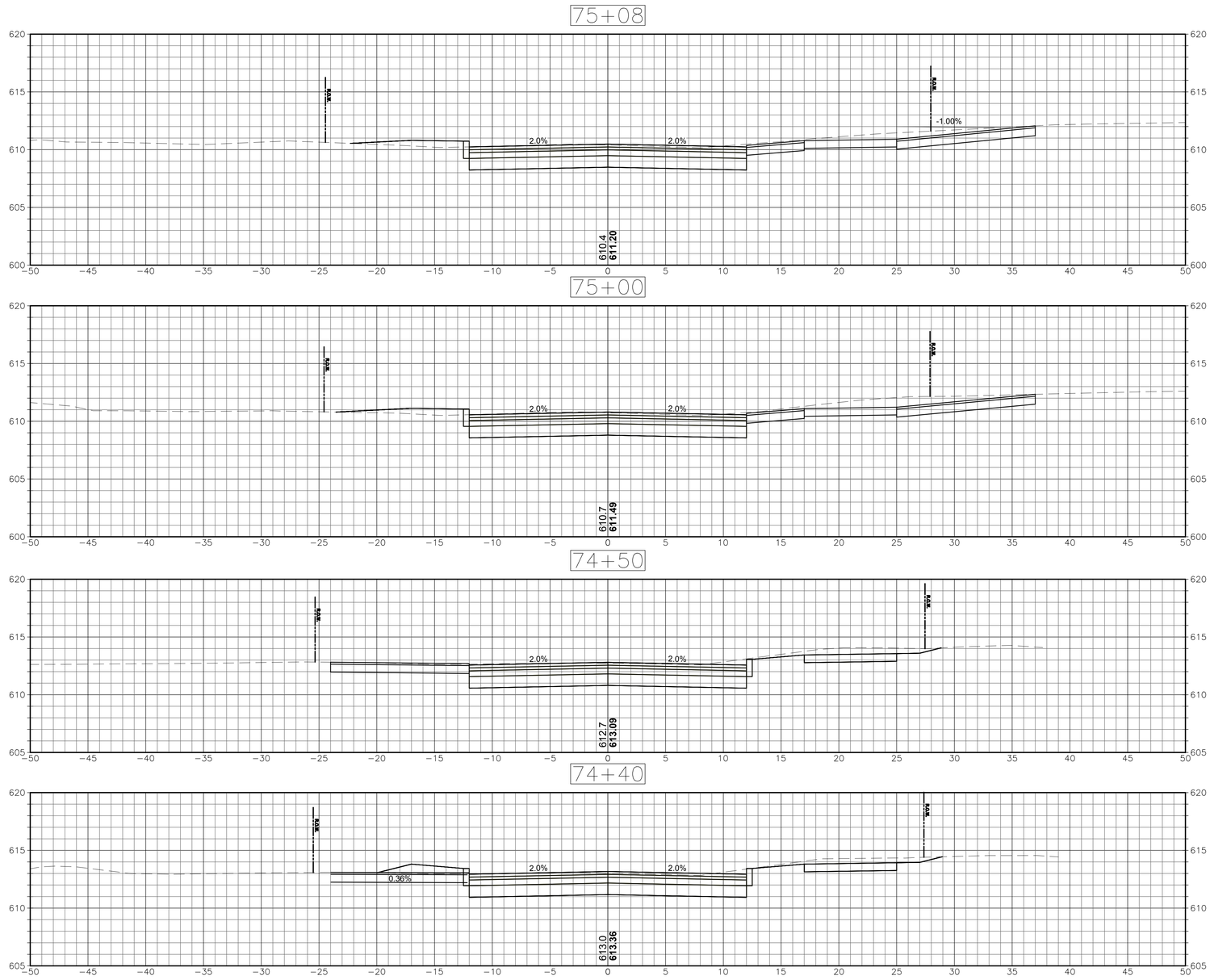
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Rev. 1.6 Date: 04/10/2019



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

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Approved By:	JWS
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W&S File No.:	

Drawing Title:

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Sheet Number:

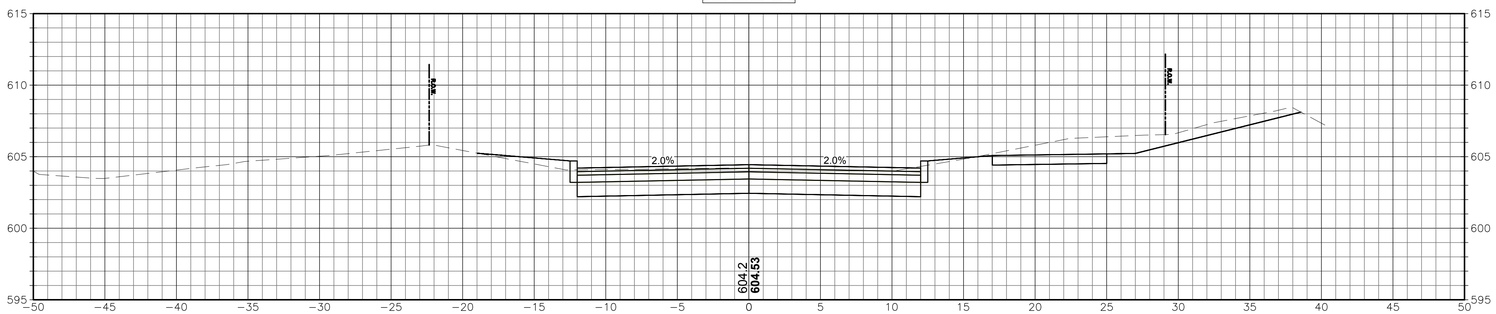
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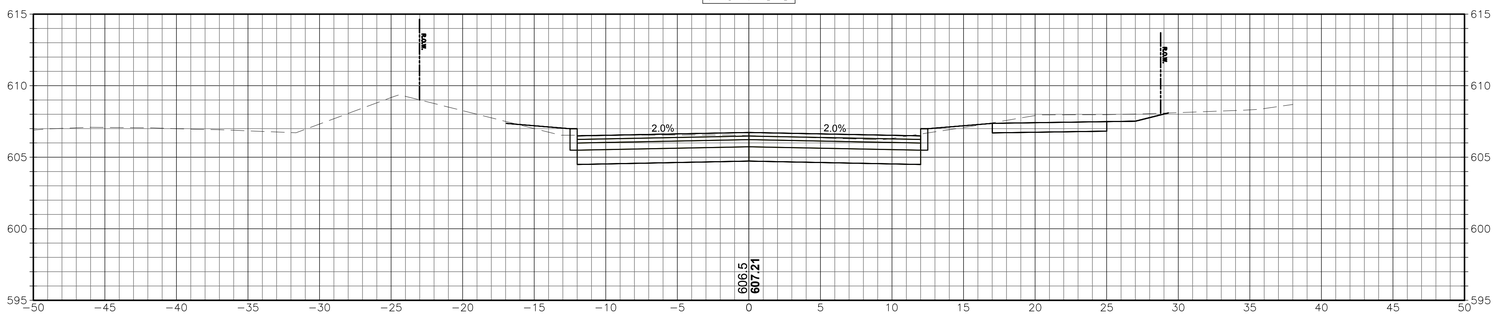
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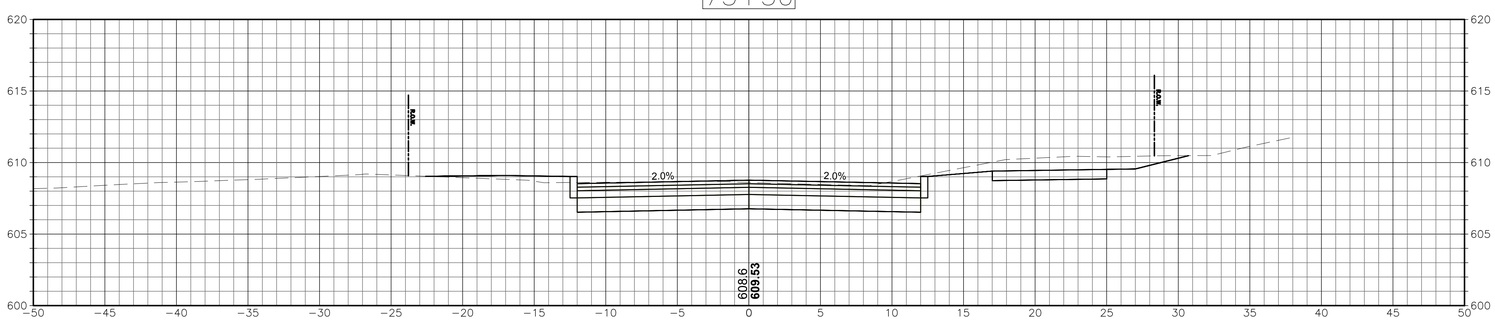
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76+00



75+50



CROSS SECTIONS

SCALE 1"=5'

P:\CT\Mansfield CT\ENG\24\262\1 Maple Road\3 Maple Road CAD\MAPLE RD_XSC_2.dwg

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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W&S File No.:	

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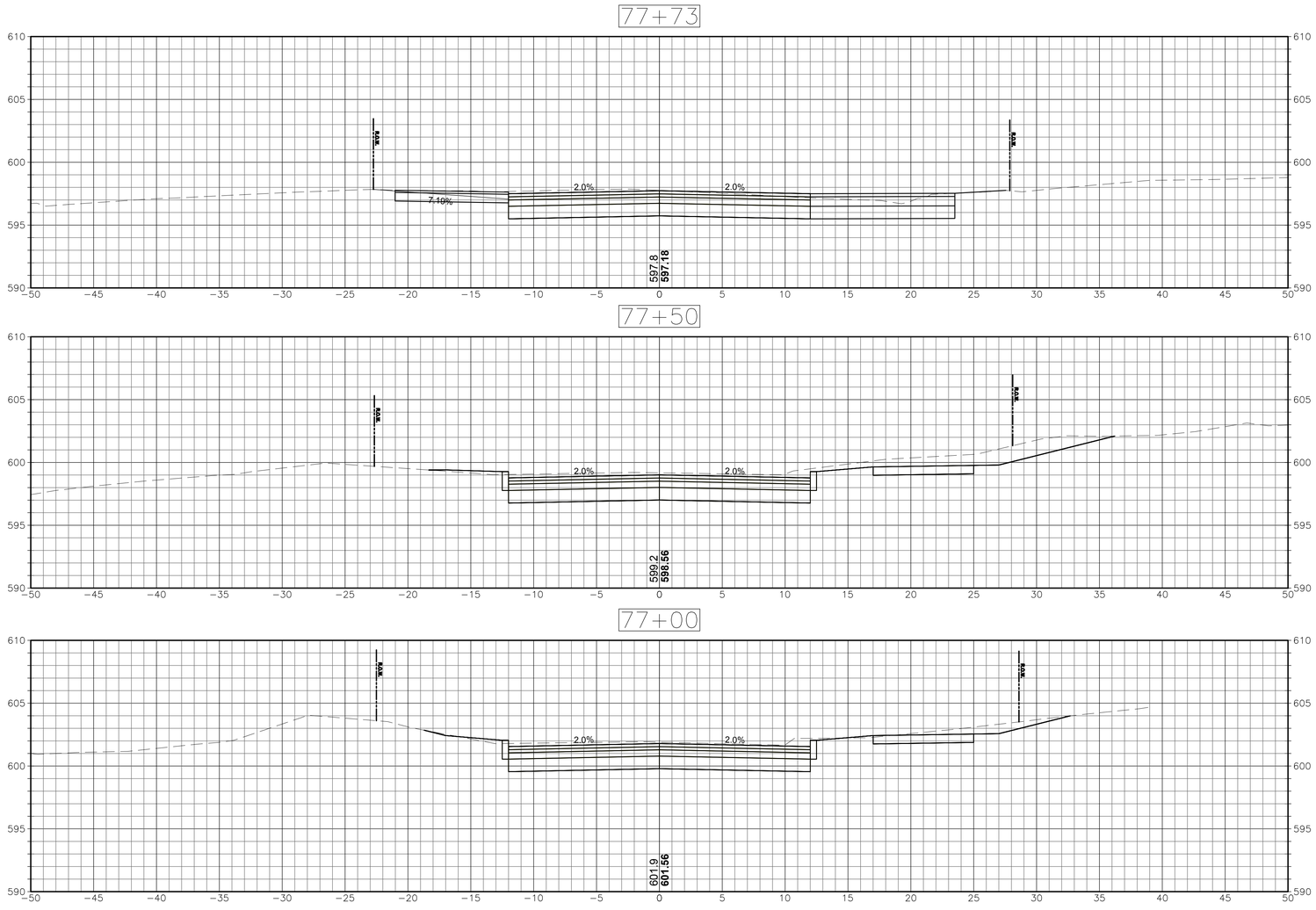
CRITICAL CROSS SECTIONS

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XSC-59

Rev. 1.6 Date: 04/10/2019

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CROSS SECTIONS

SCALE 1"=5'

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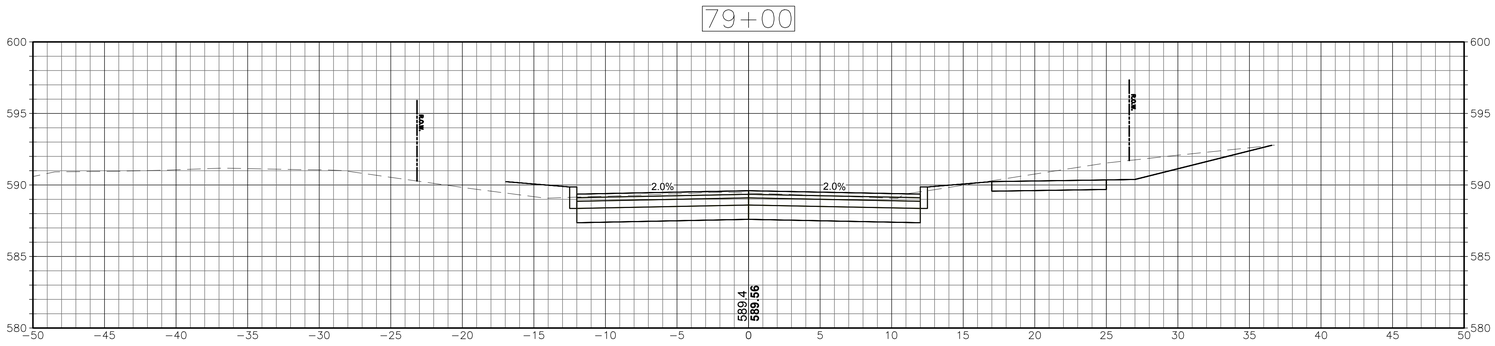
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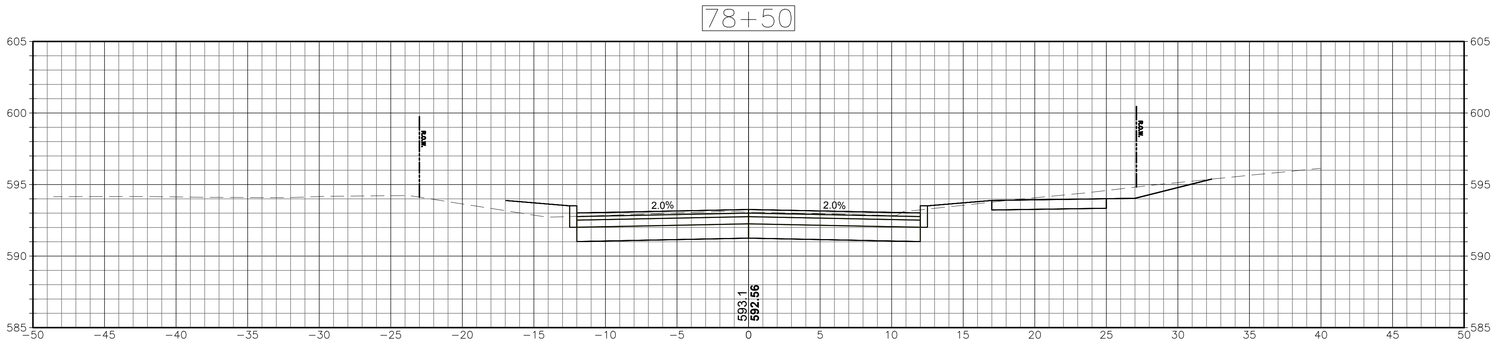
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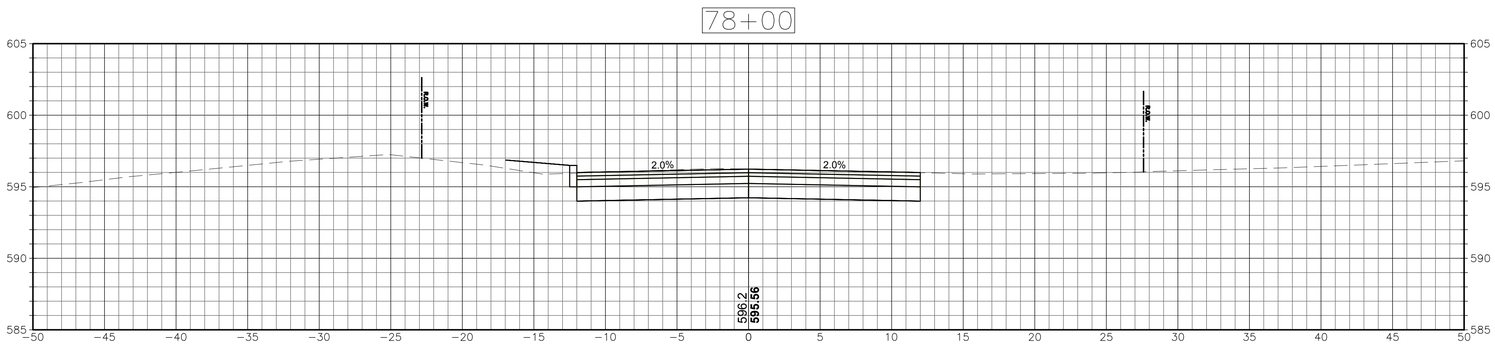
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CROSS SECTIONS
SCALE 1"=5'

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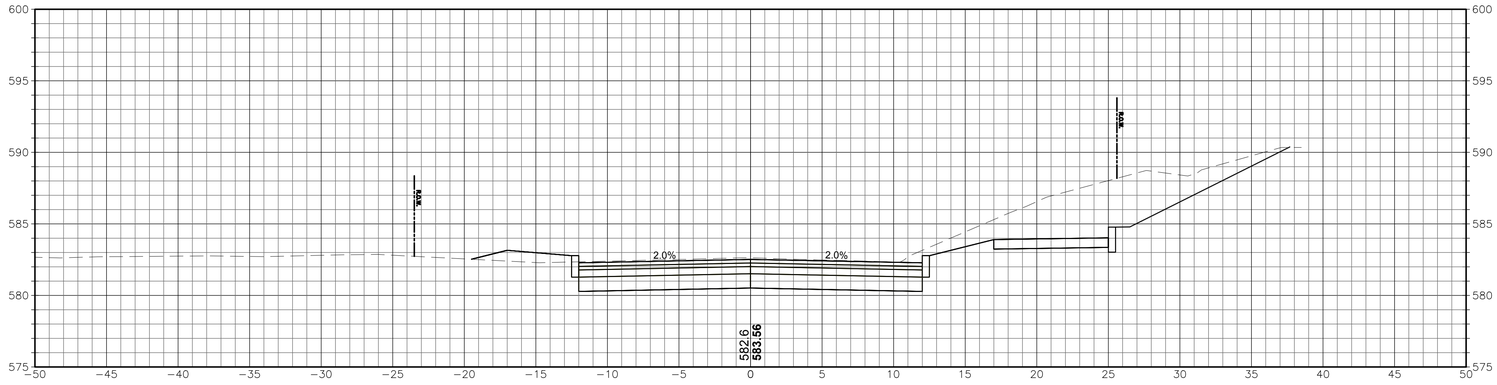
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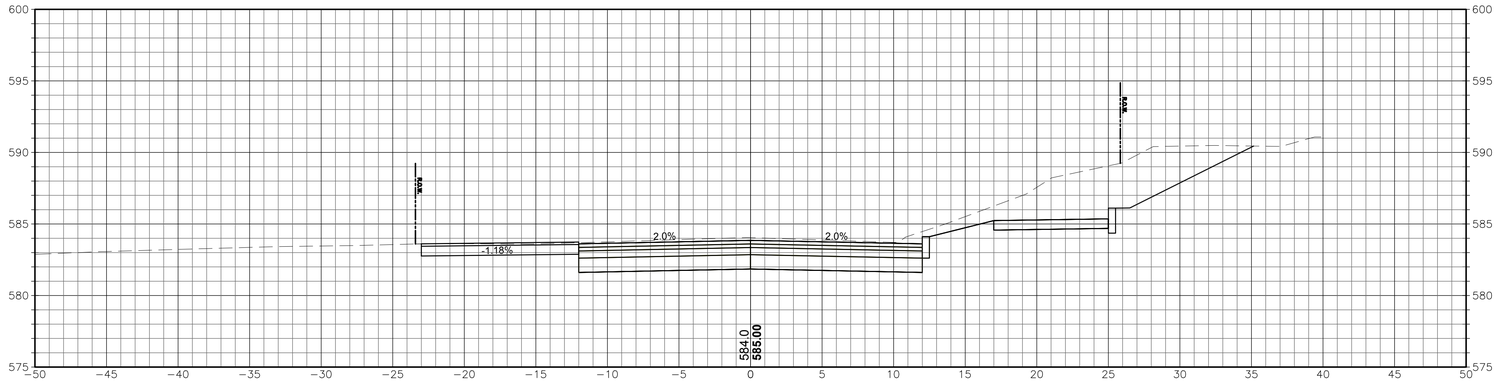
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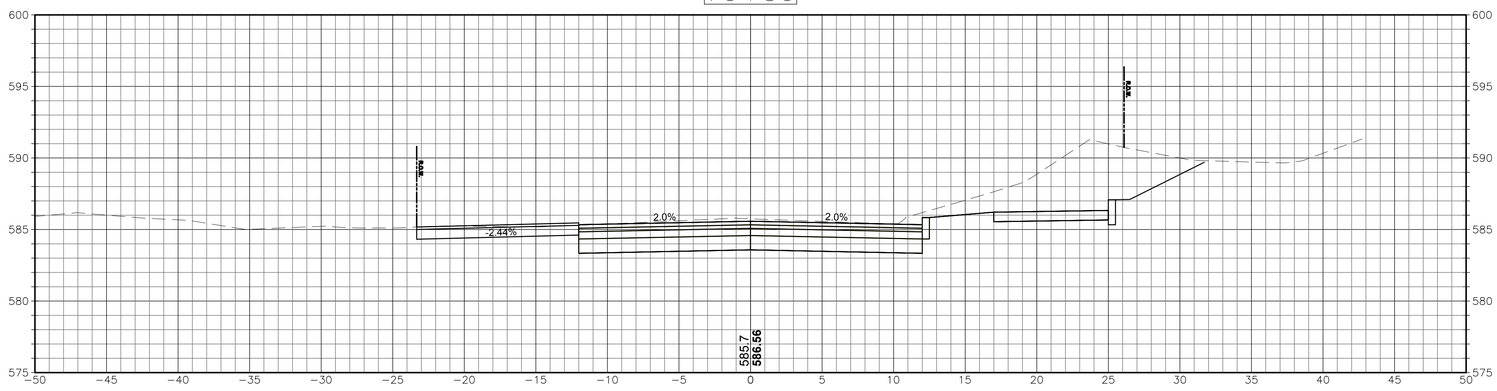
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79+76



79+50



CROSS SECTIONS

SCALE 1"=5'

Project:

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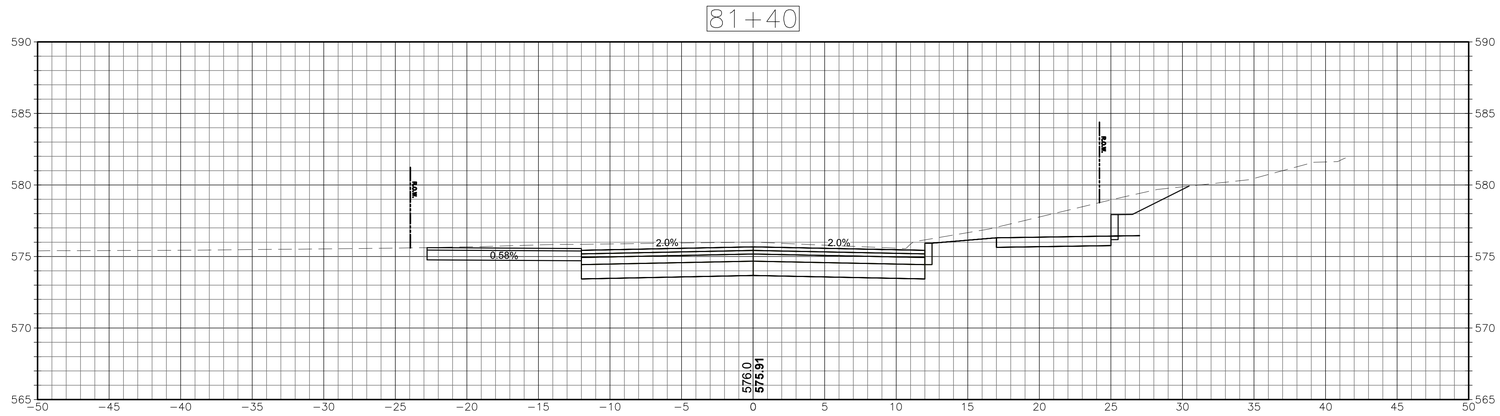
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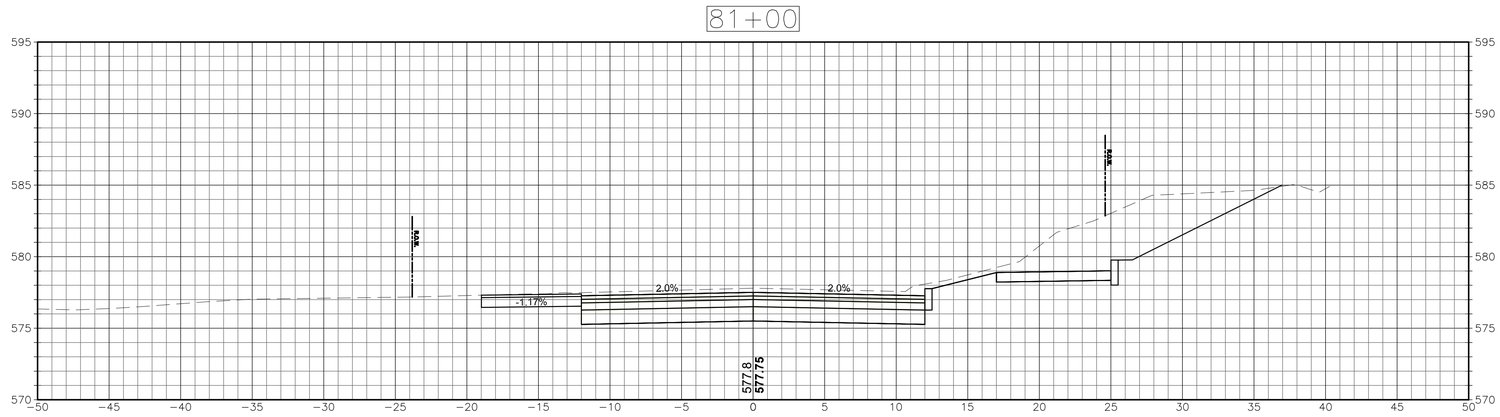
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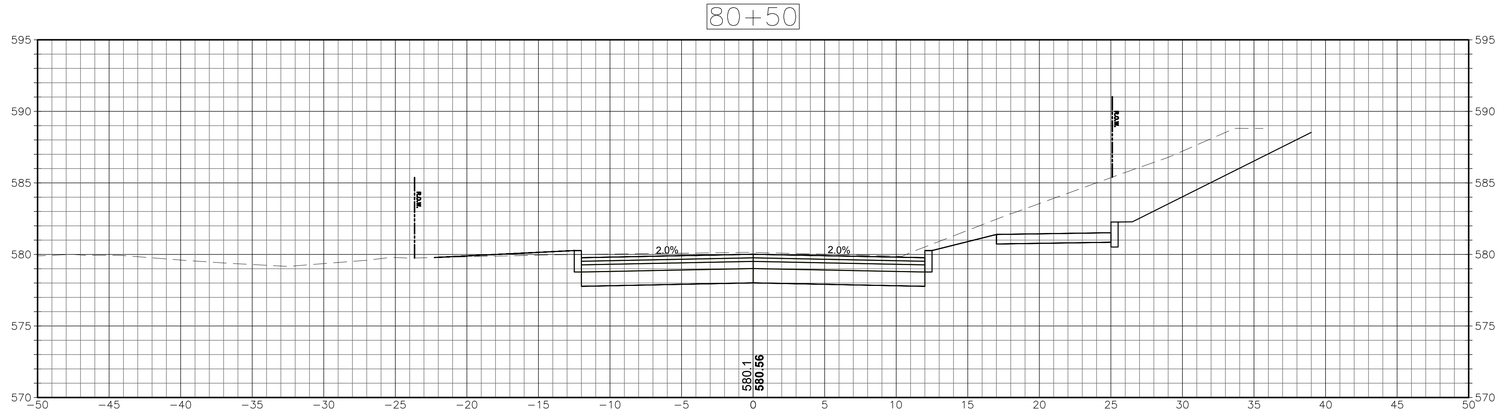
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CROSS SECTIONS
SCALE 1"=5'

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Drawing Title:

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CROSS SECTIONS

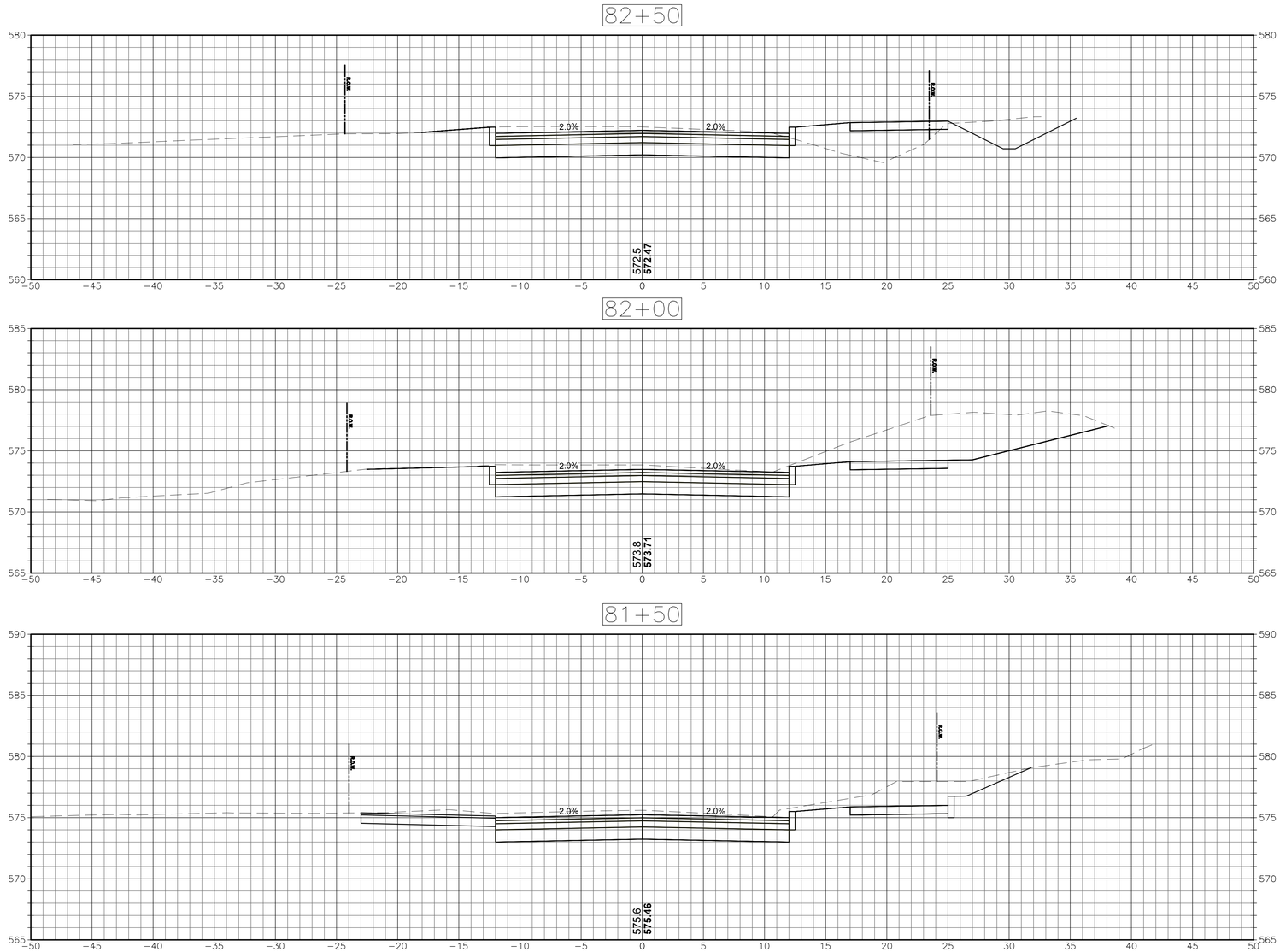
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SCALE 1"=5'

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Project:

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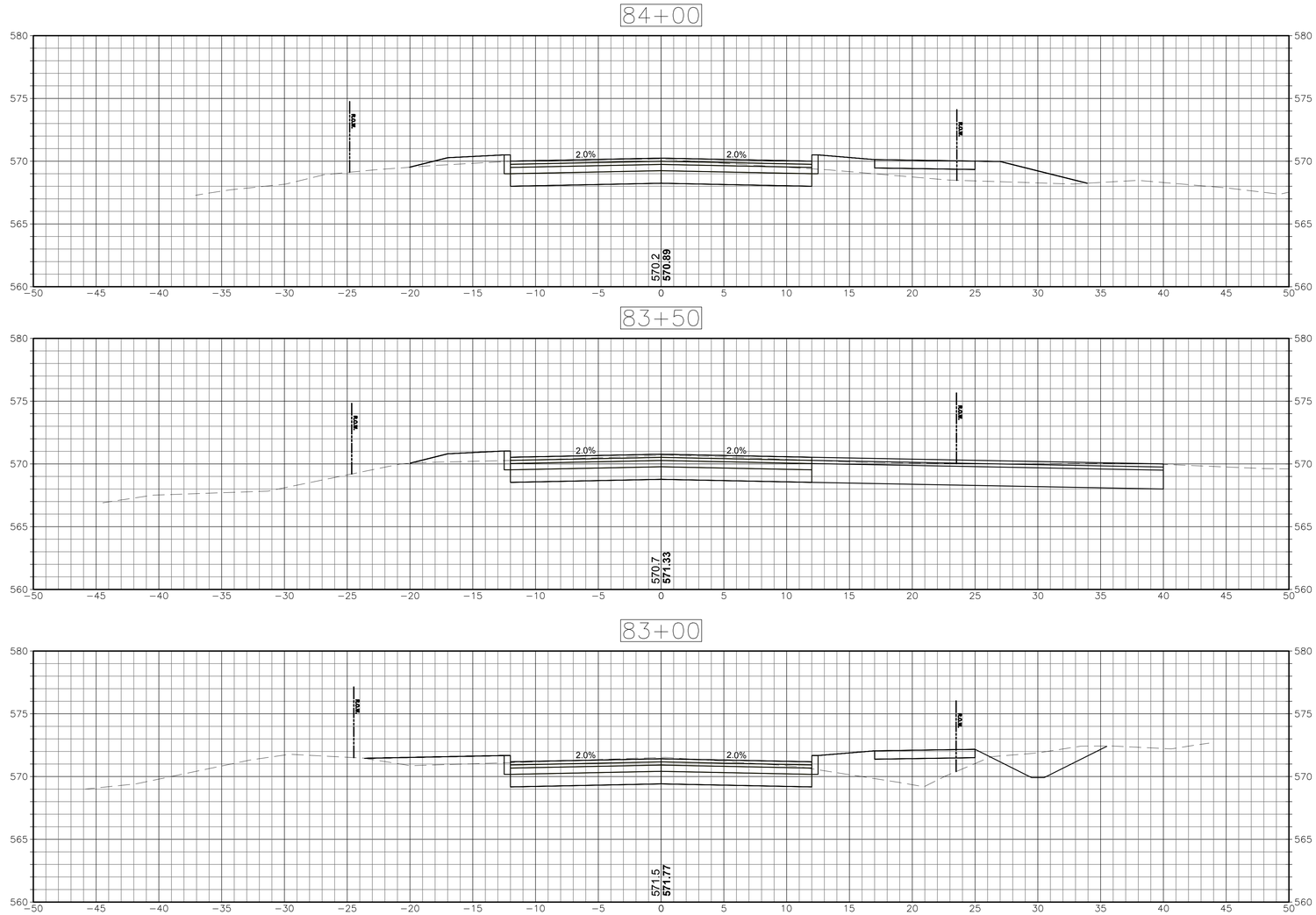
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SCALE 1"=5'

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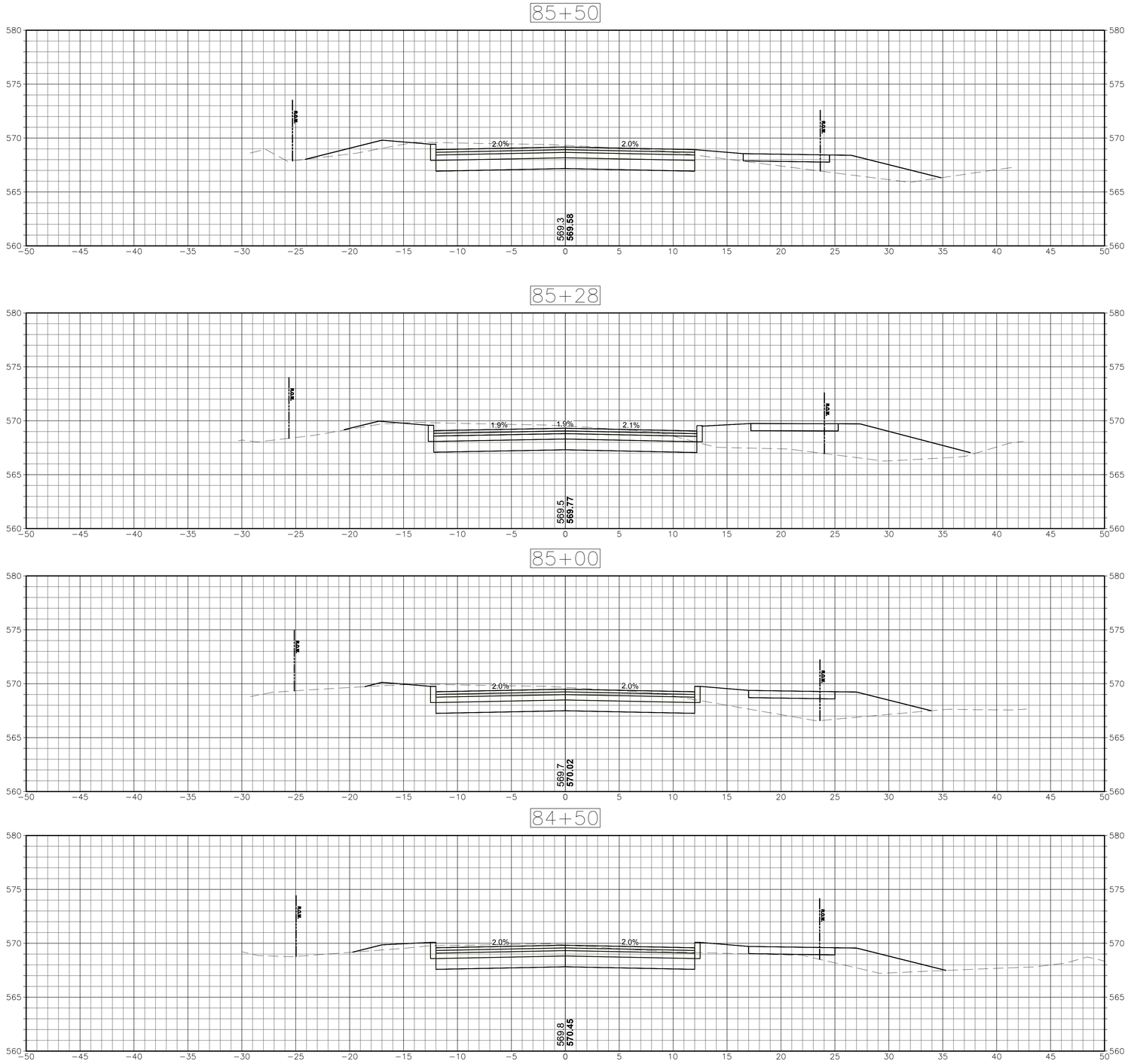
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SCALE 1"=5'

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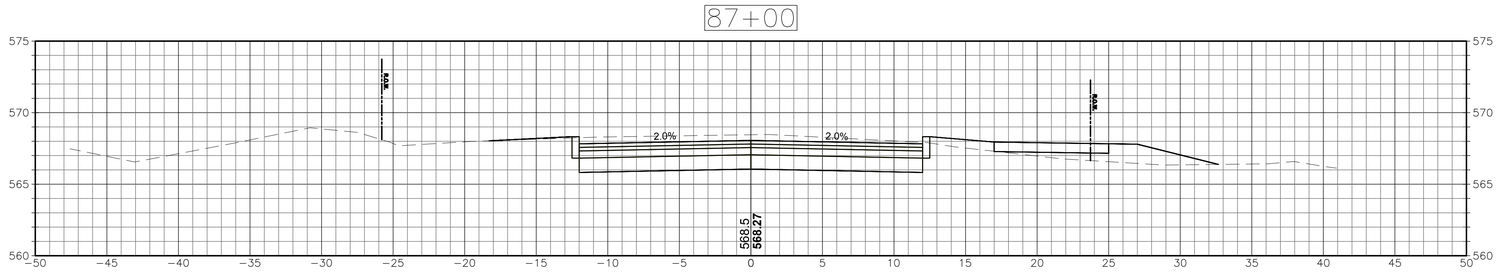
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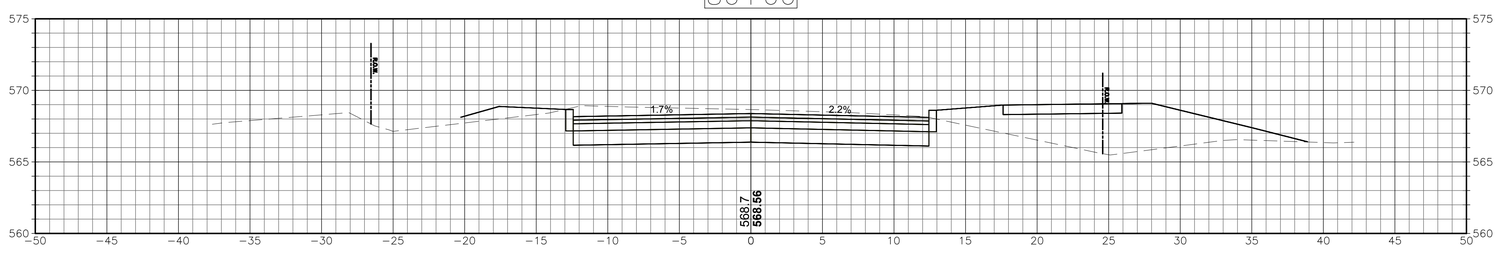
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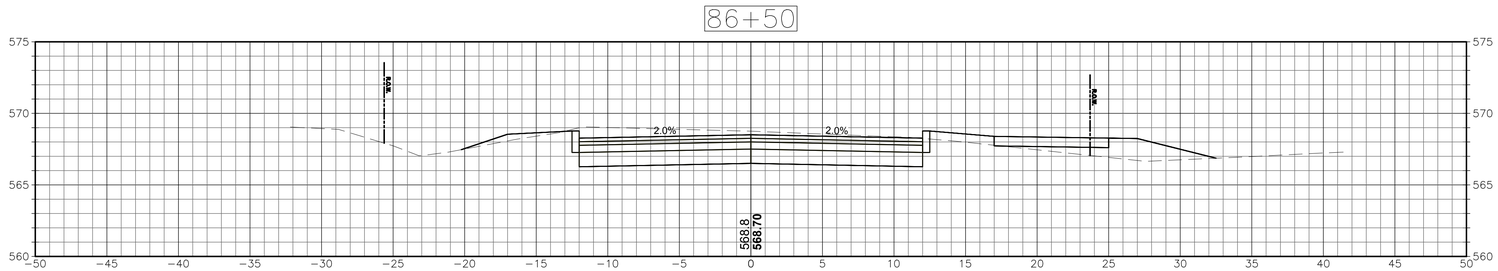
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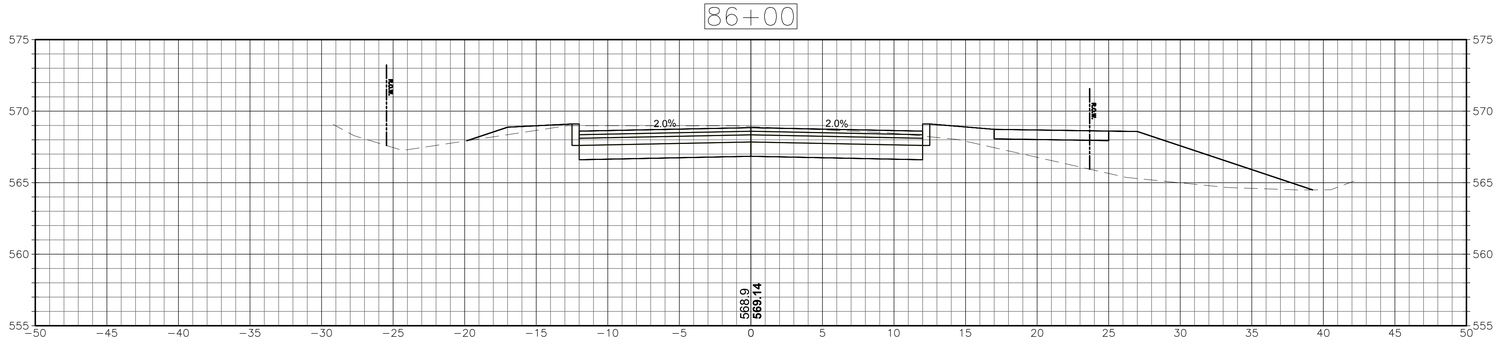
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CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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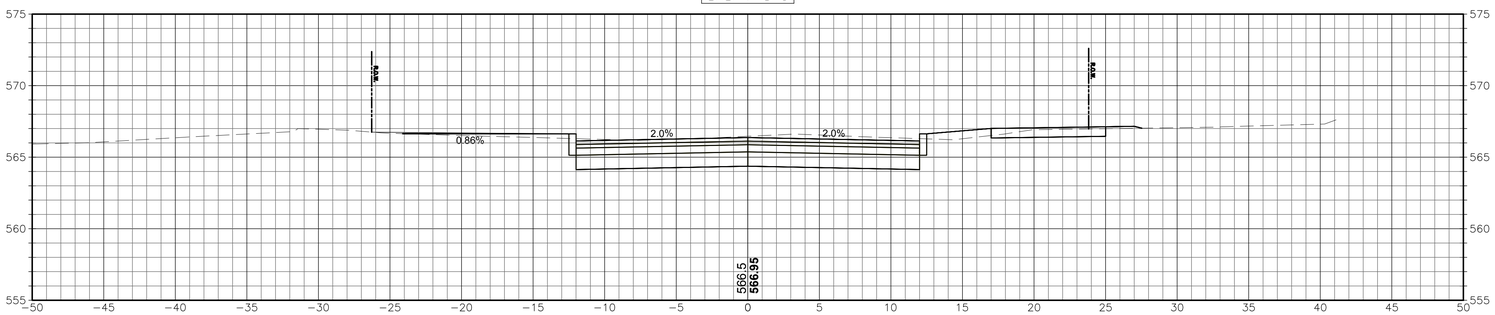
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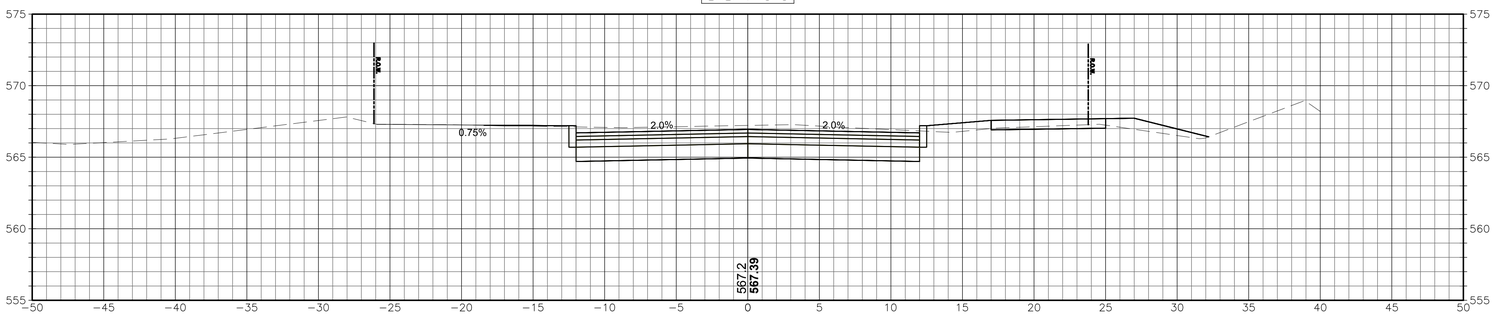
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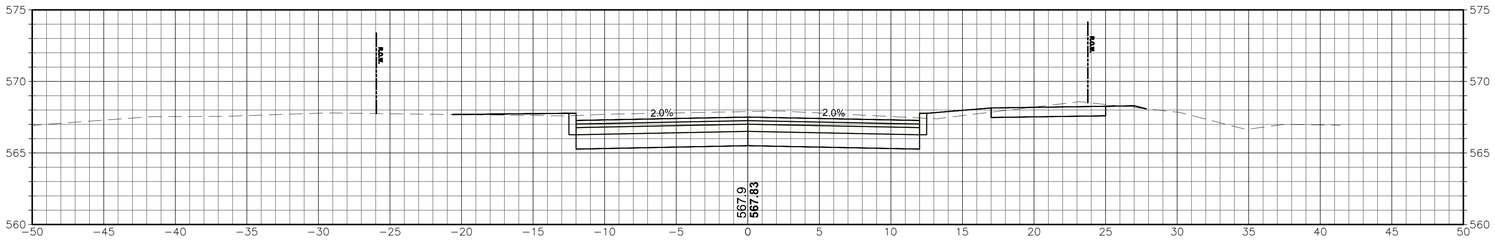
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88+00



87+50



CROSS SECTIONS

SCALE 1"=5'

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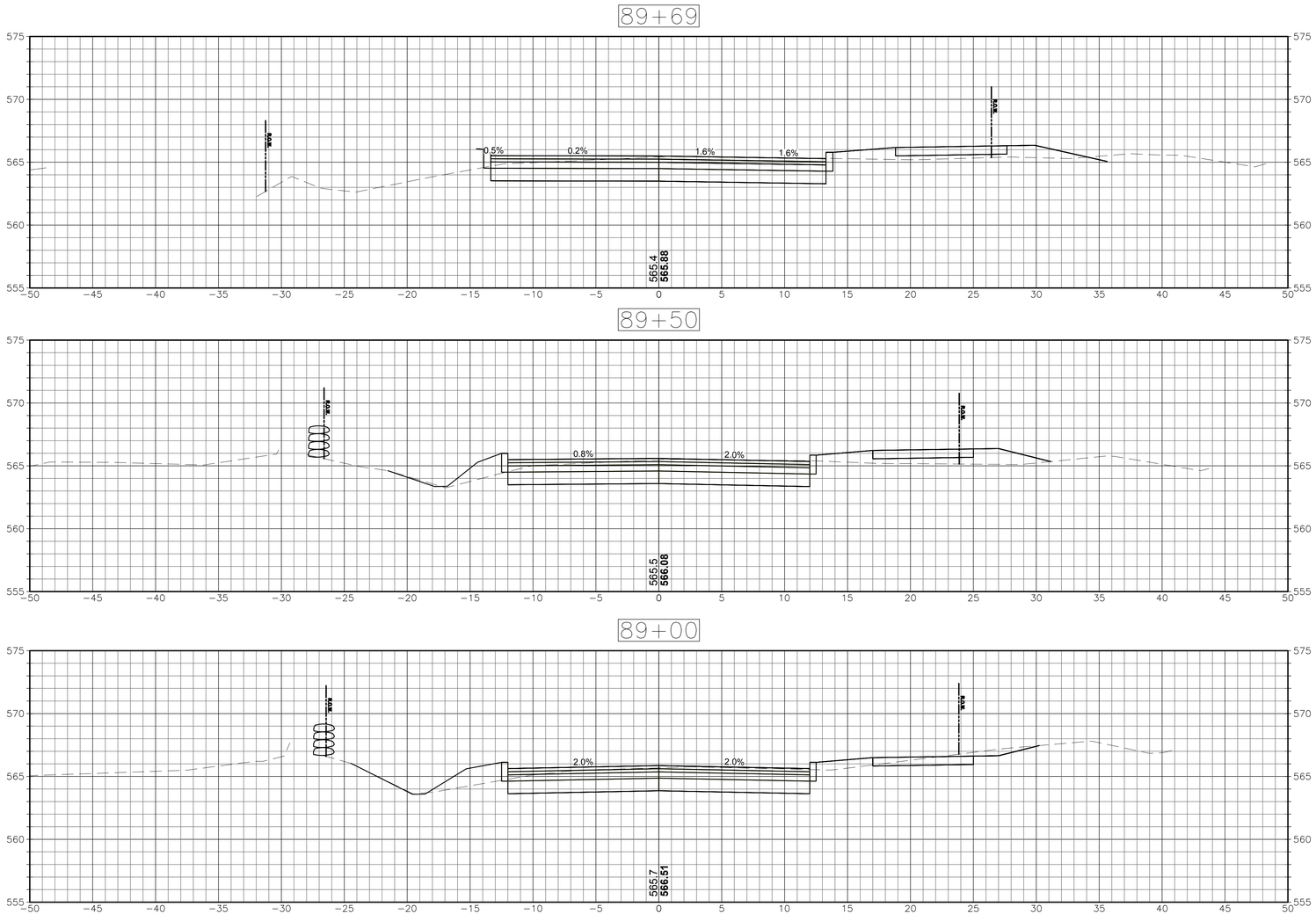
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XSC-69

Rev: 1.8 Date: 04/10/2019

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P:\CT\Mansfield CT\ENG\24262 Maple Road\1 Maple Road\CAD\MAPLE RD_XSC_Eng



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

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Sheet Number:

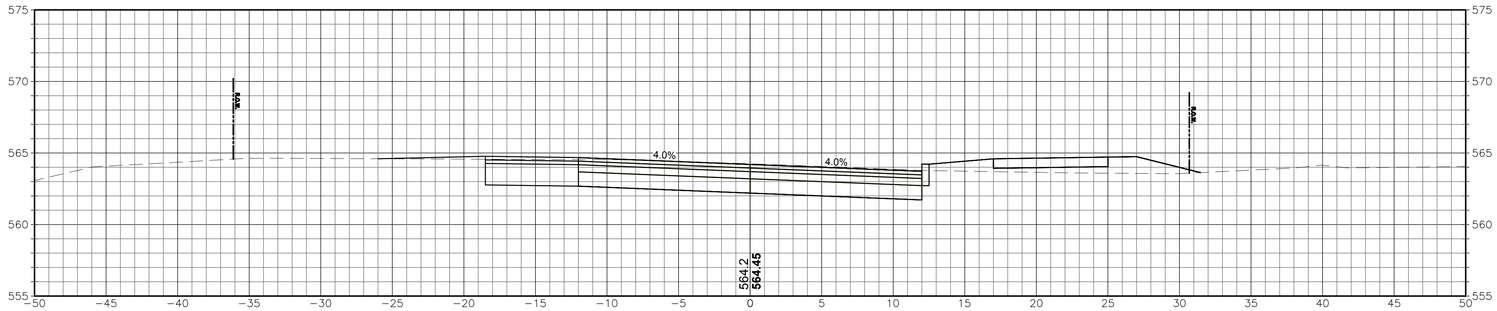
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Rev. 1.0 Date: 04/10/2019

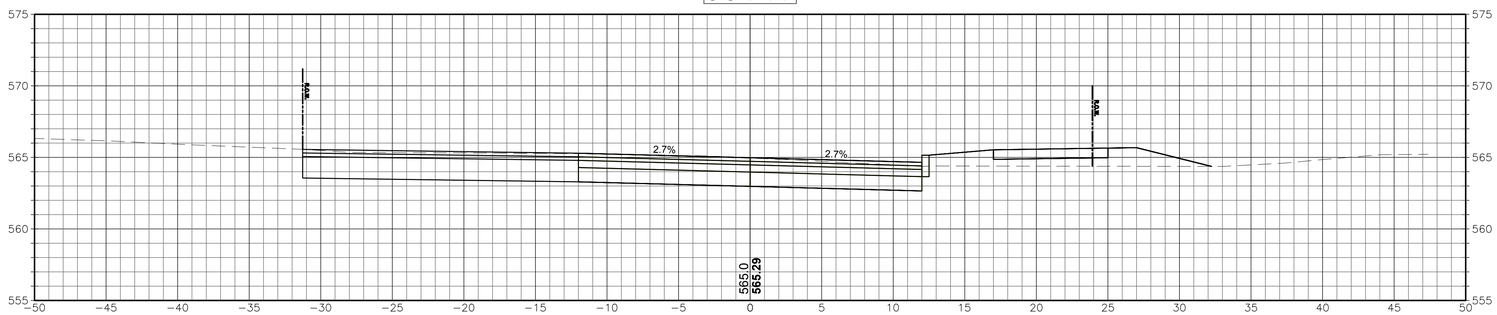
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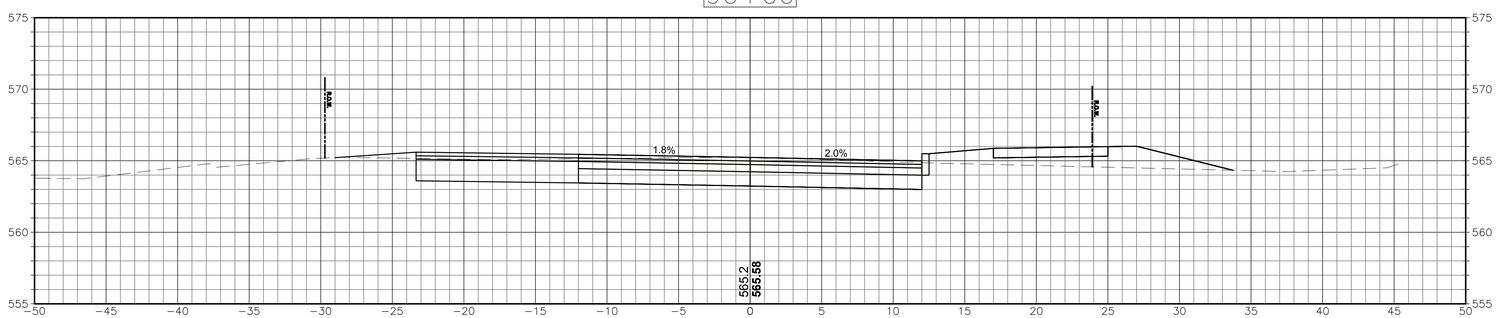
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90+17



90+00



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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W&S File No.:	

Drawing Title:

CROSS SECTIONS

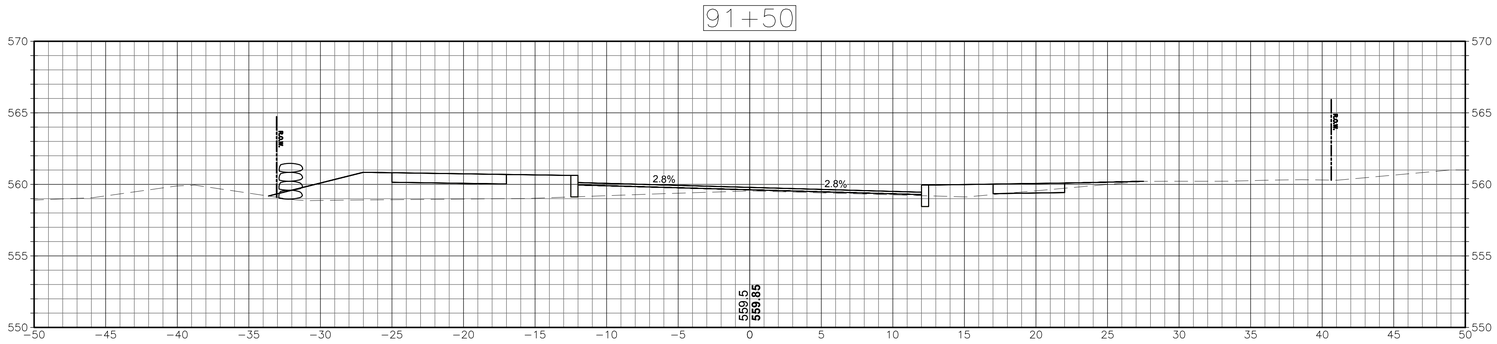
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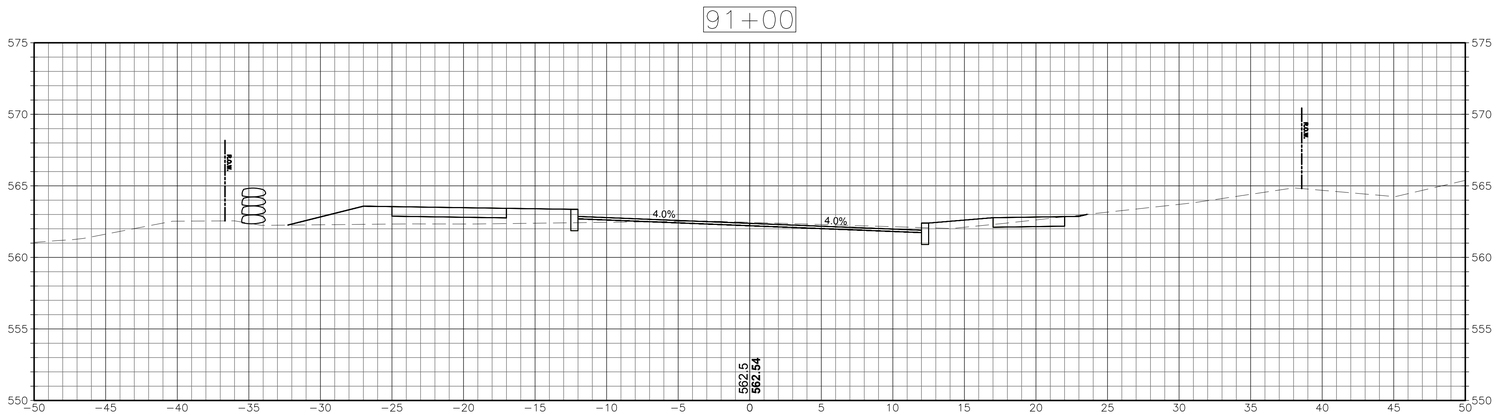
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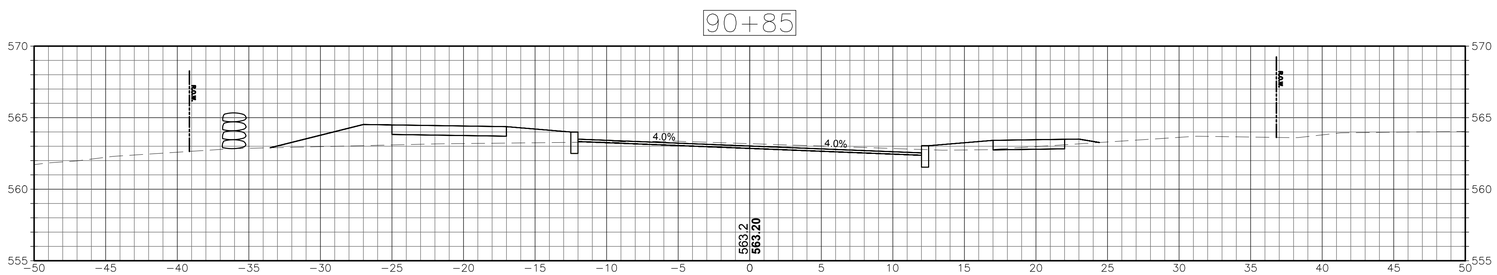
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CROSS SECTIONS
SCALE 1"=5'

Project:

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COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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W&S File No.:	

Drawing Title:

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Sheet Number:

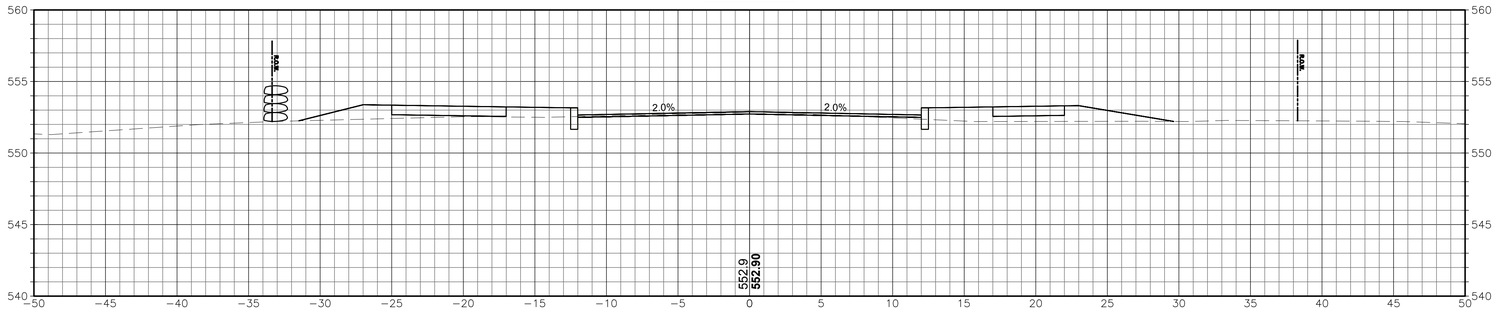
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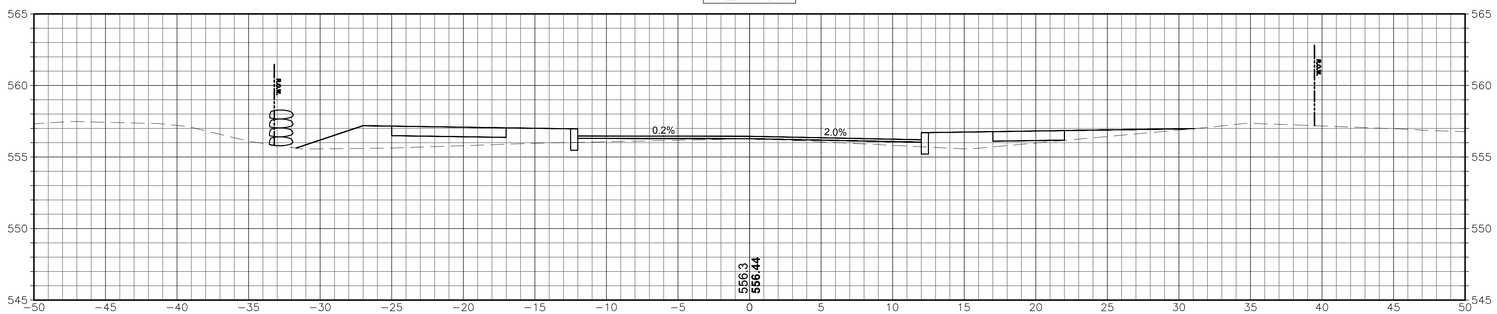
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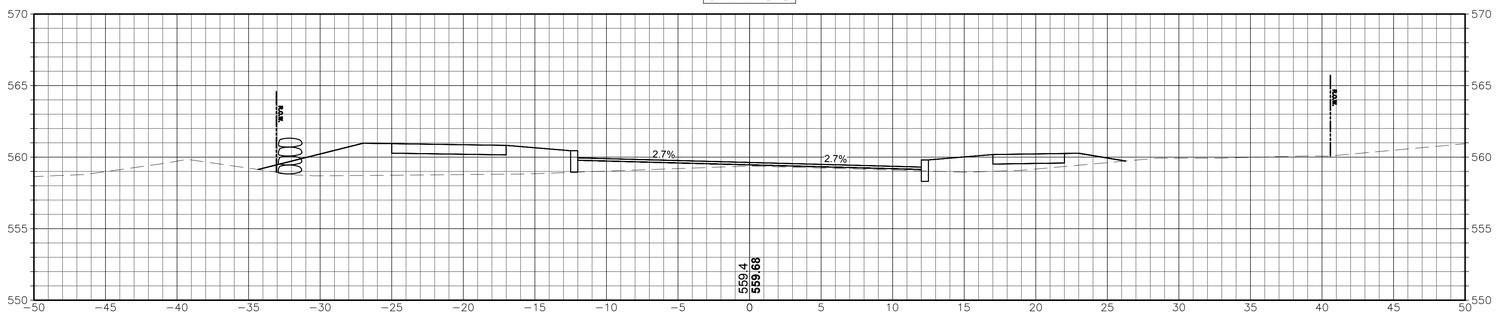
92+50



92+00



91+53



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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W&S File No.:	

Drawing Title:

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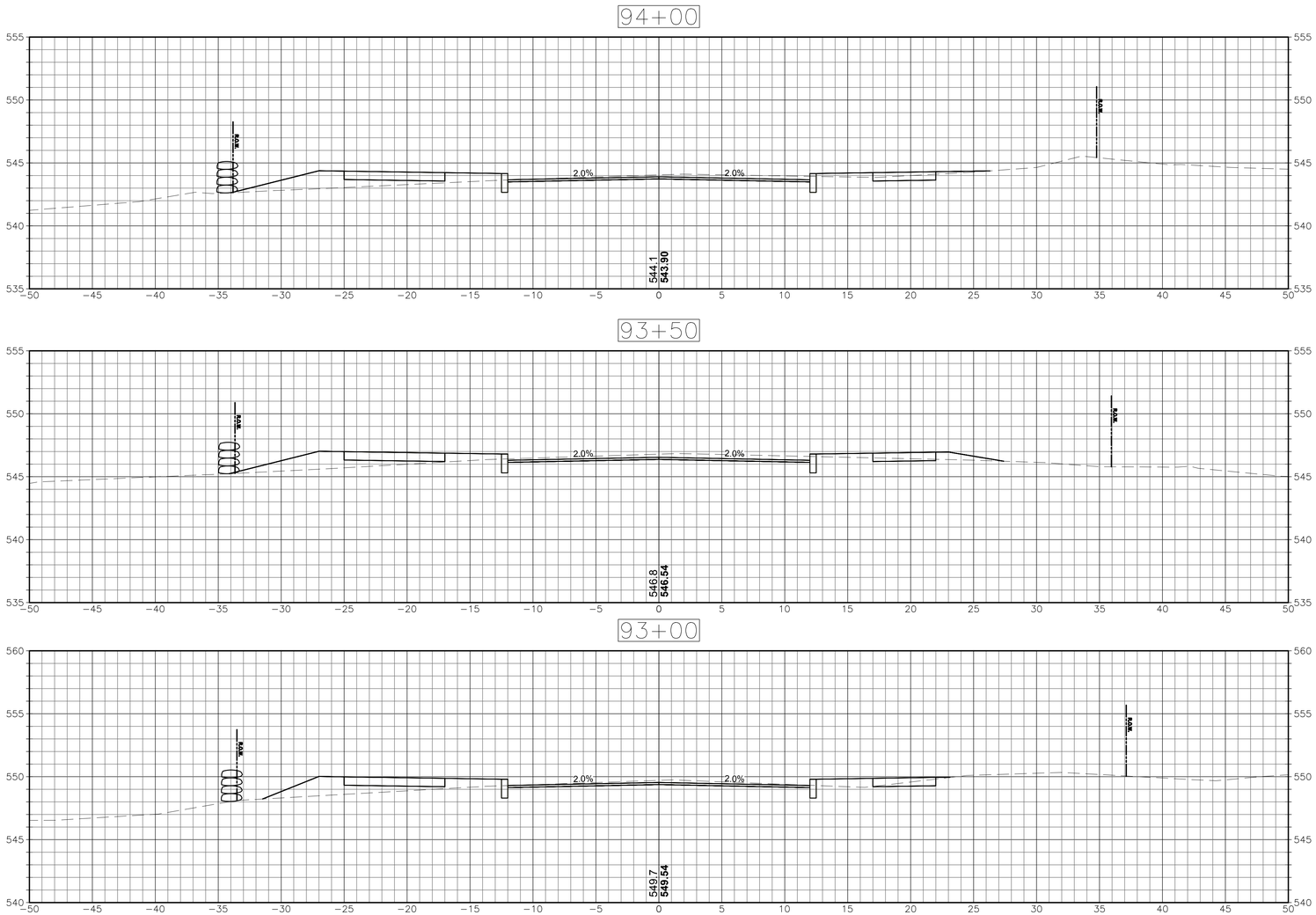
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CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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Approved By:	JWS
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W&S File No.:	

Drawing Title:

CROSS SECTIONS

Sheet Number:

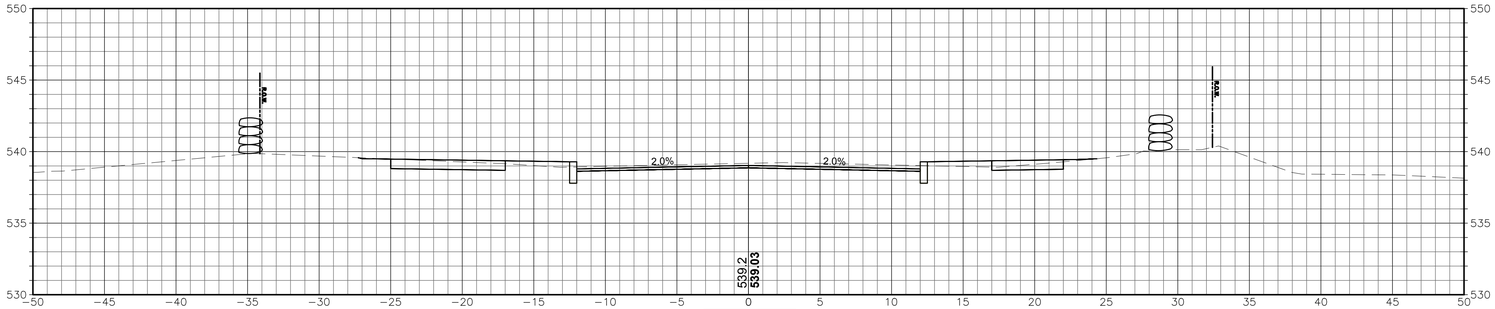
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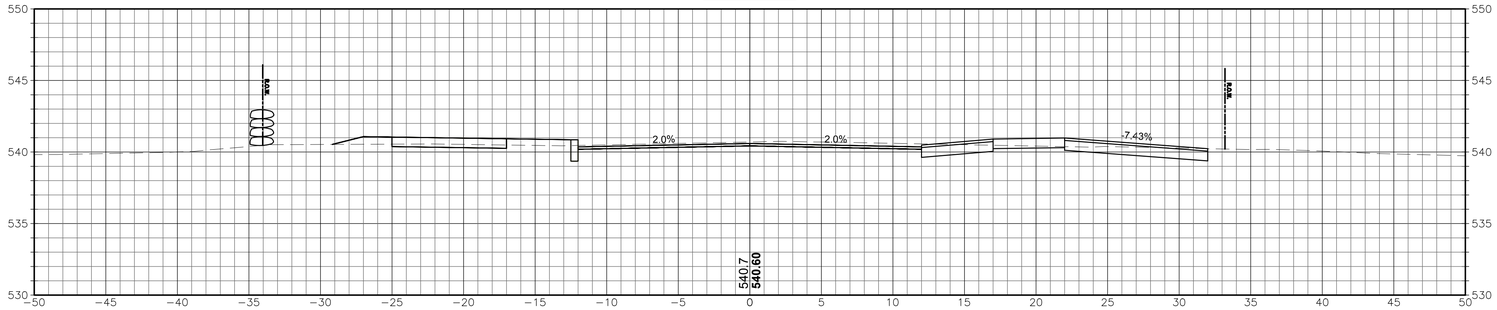
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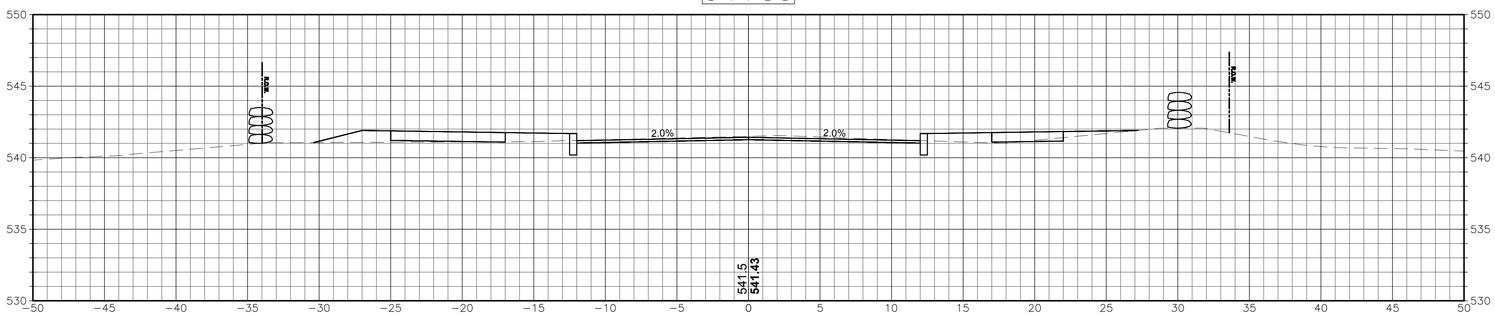
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94+67



94+50



CROSS SECTIONS

SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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Reviewed By:	NSD
Approved By:	JWS
W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

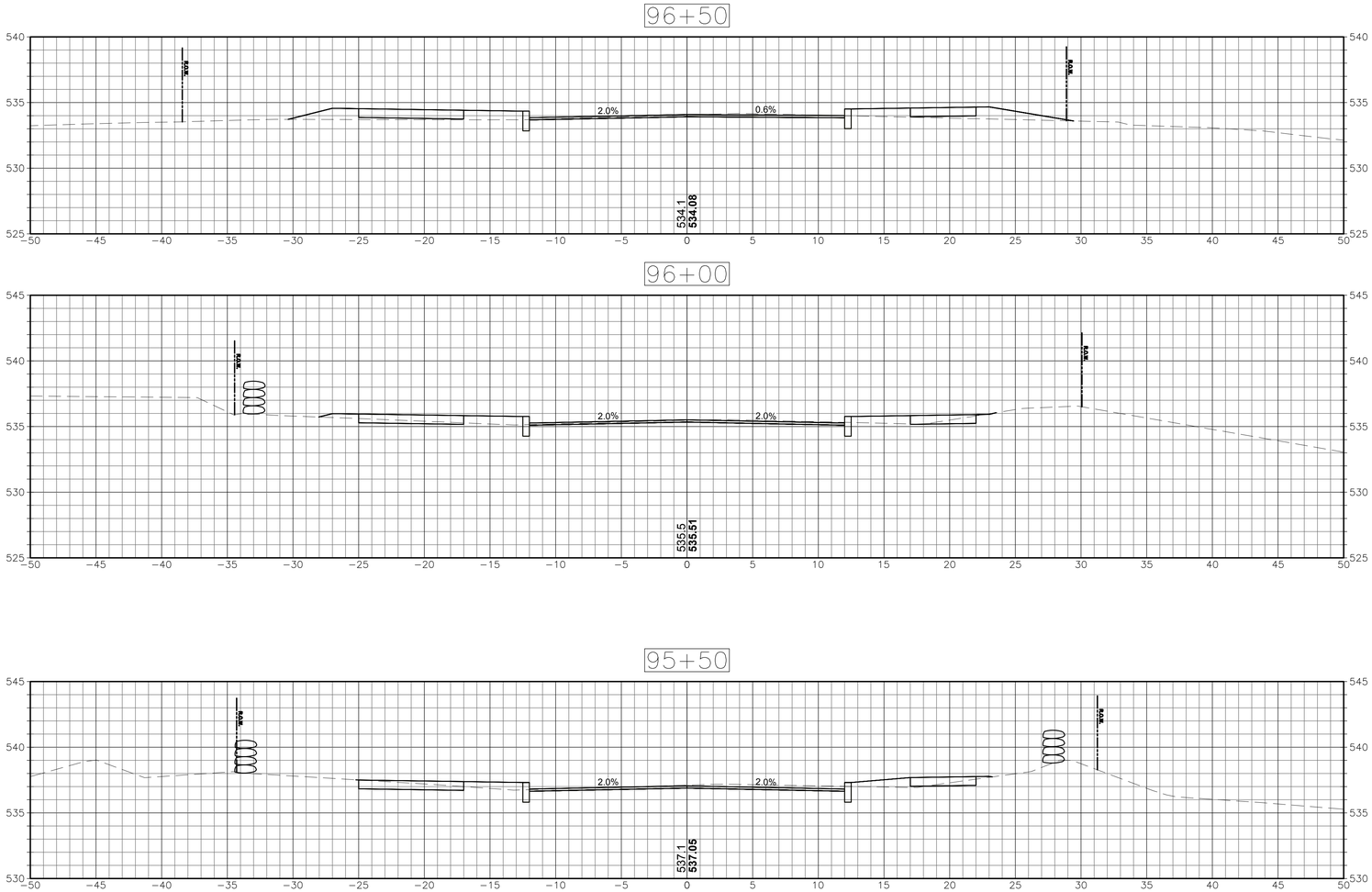
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CROSS SECTIONS

SCALE 1"=5'

Project:

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COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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PATH

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W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

CROSS SECTIONS

Sheet Number:

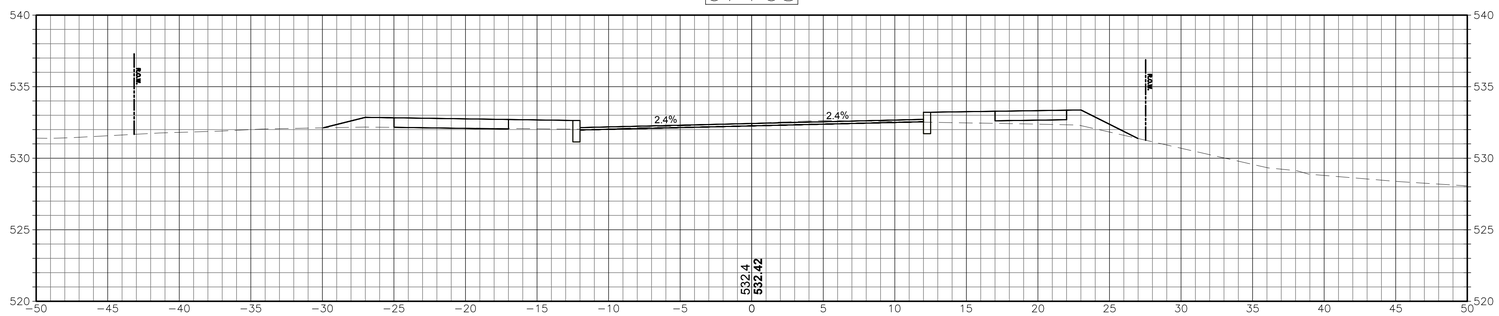
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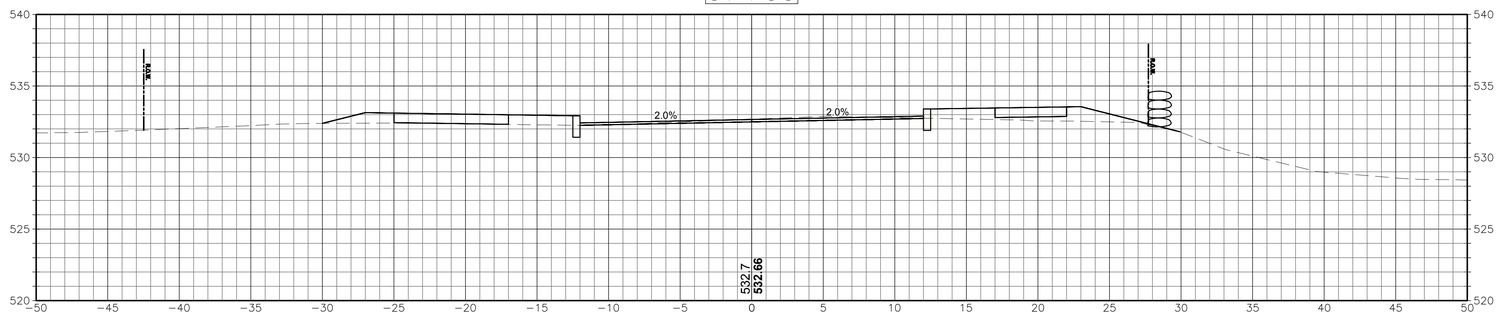
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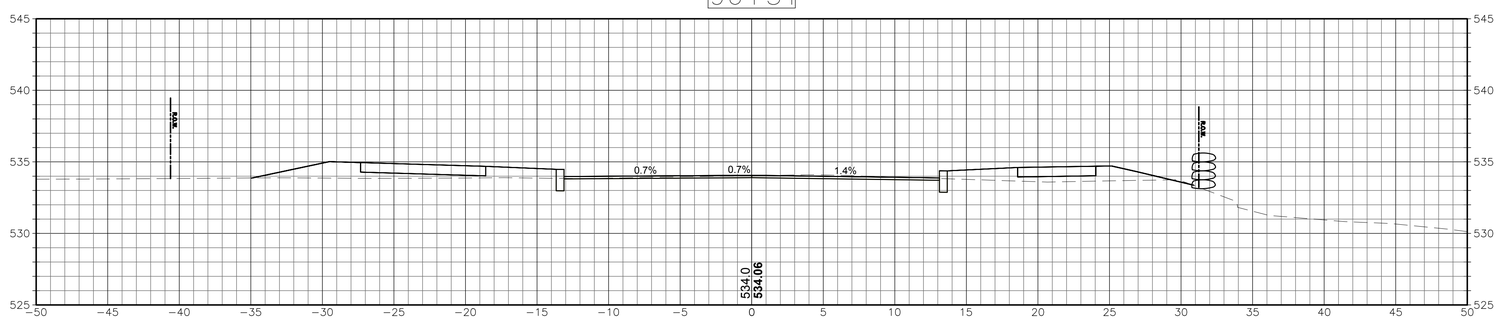
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97+00



96+51



CROSS SECTIONS

SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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W&S File No.:	

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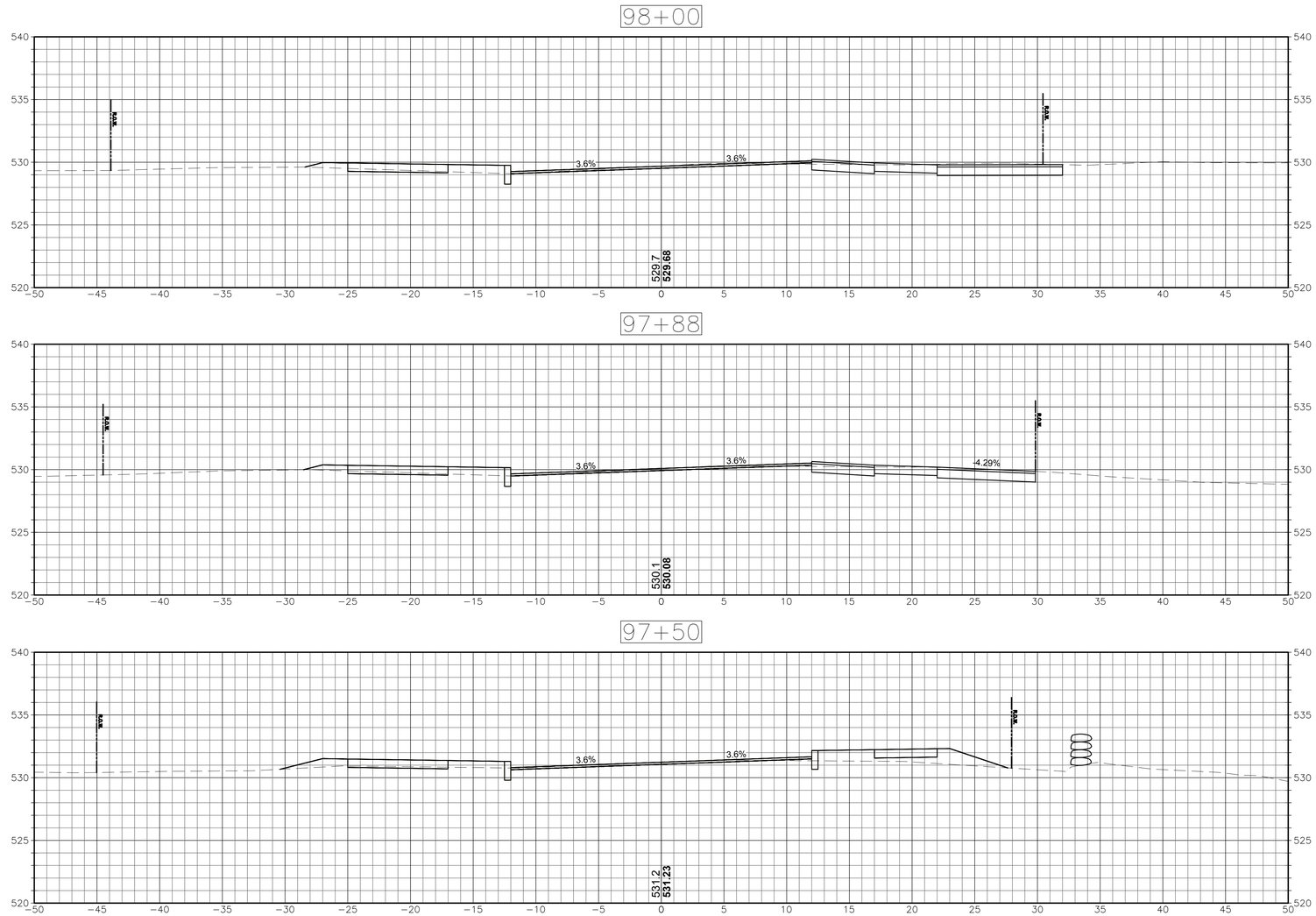
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CROSS SECTIONS

SCALE 1"=5'

Project:

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Drawing Title:

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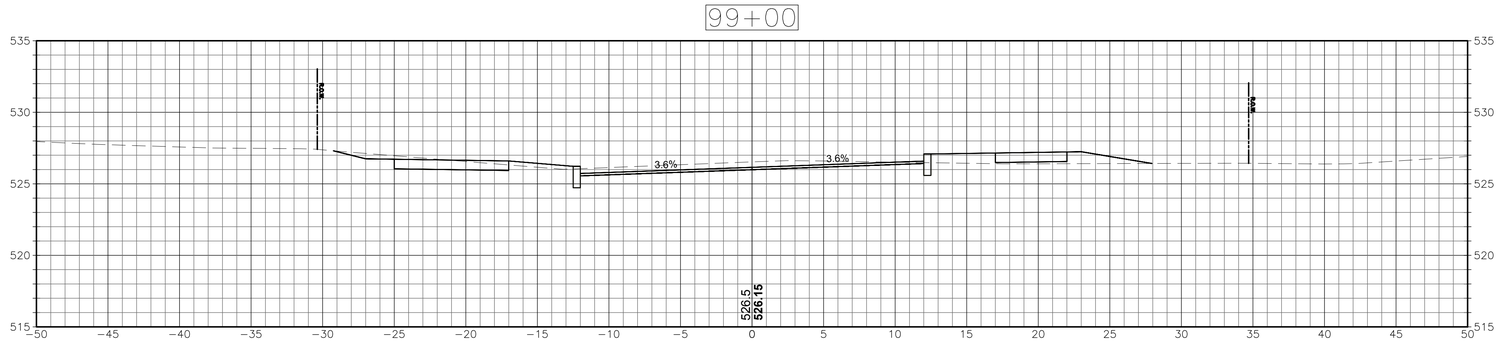
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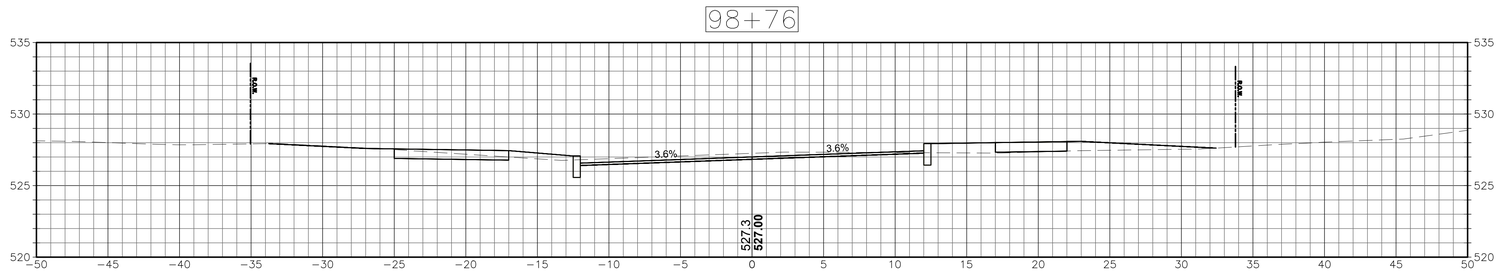
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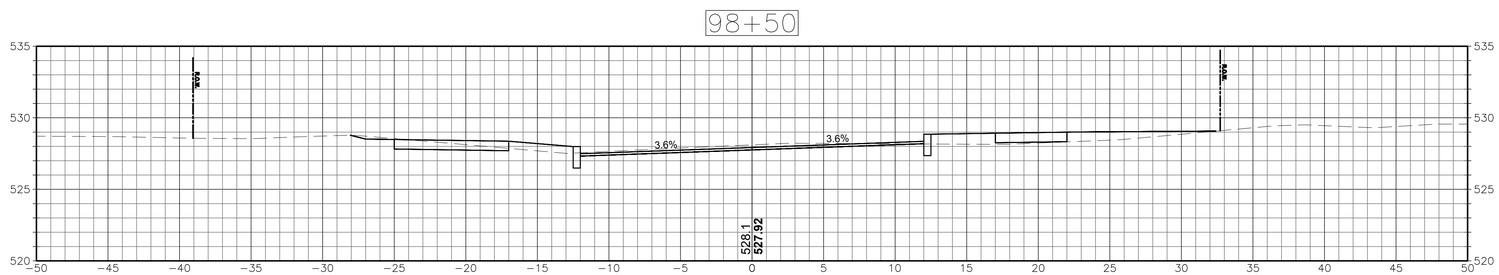
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CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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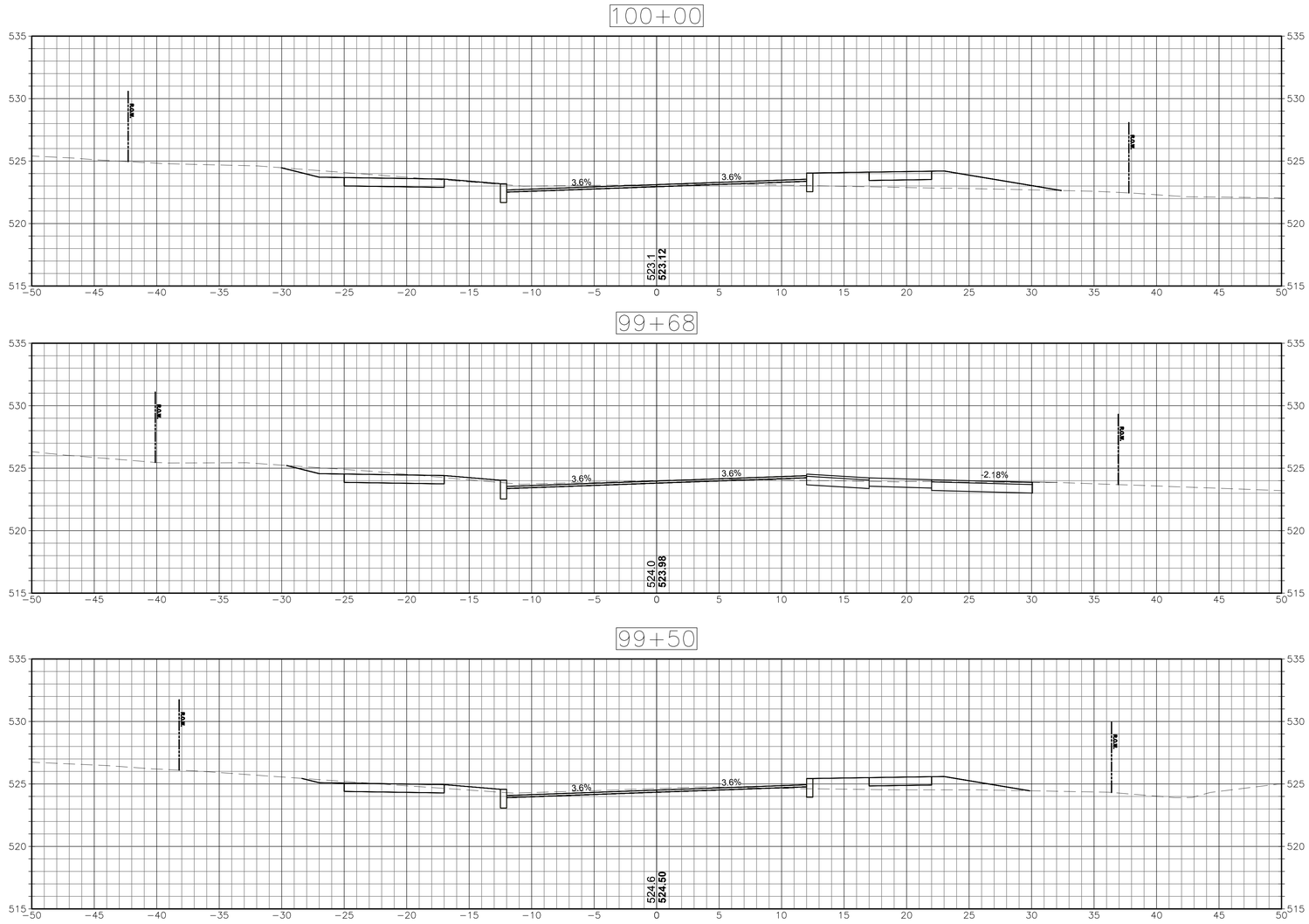
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CROSS SECTIONS

SCALE 1"=5'

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TOWN OF MANSFIELD

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W&S Project No.:	ENG24-1262
W&S File No.:	

Drawing Title:

CROSS SECTIONS

Sheet Number:

XSC-81

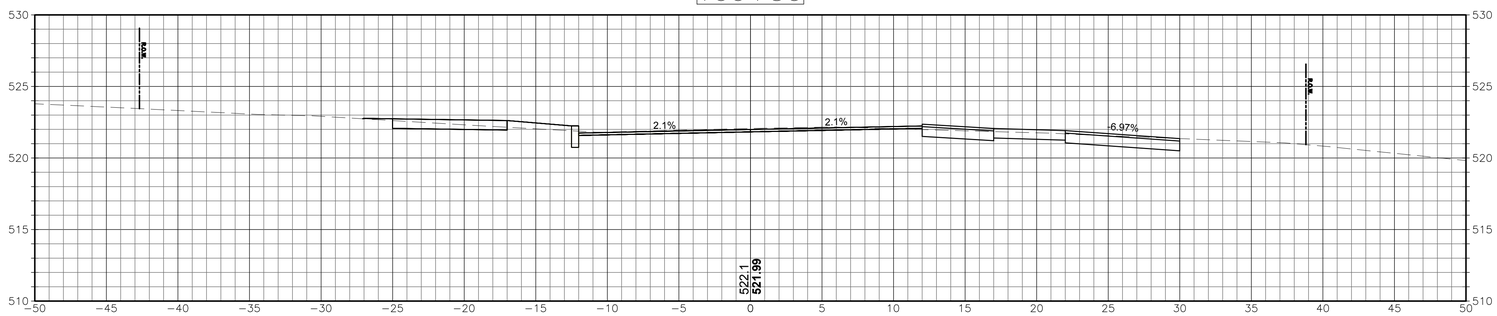
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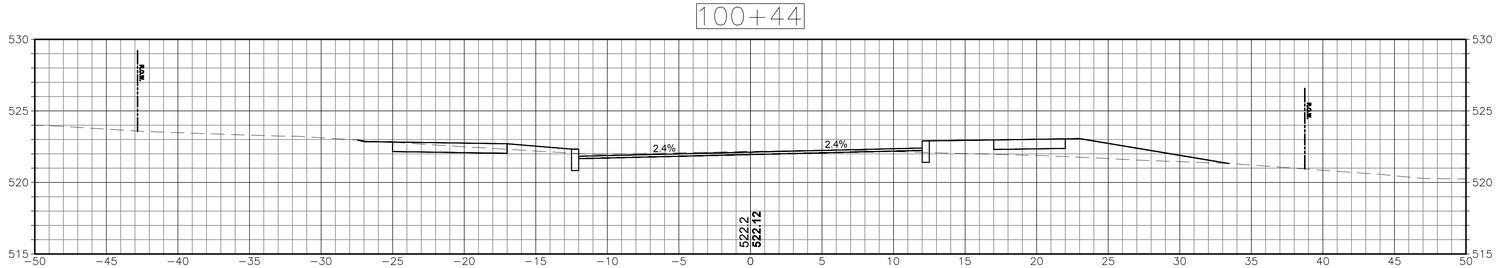
101+00



100+50



100+44



CROSS SECTIONS

SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
PATH

4 S. EAGLEVILLE RD.
MANSFIELD, CT 06268

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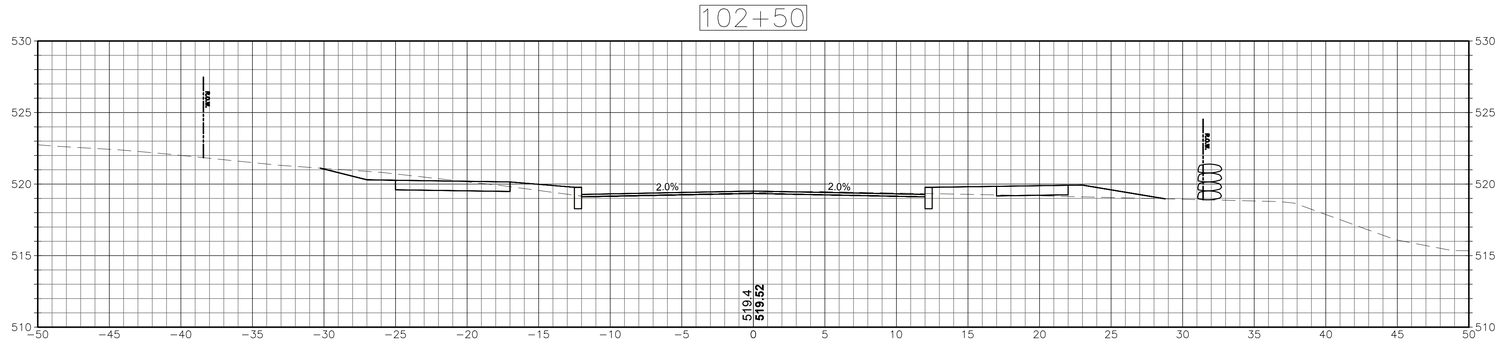
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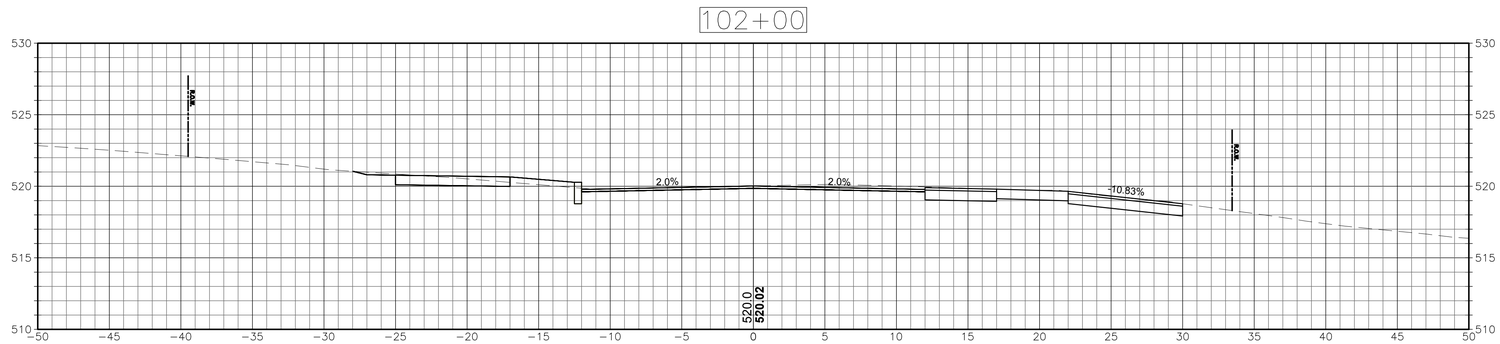
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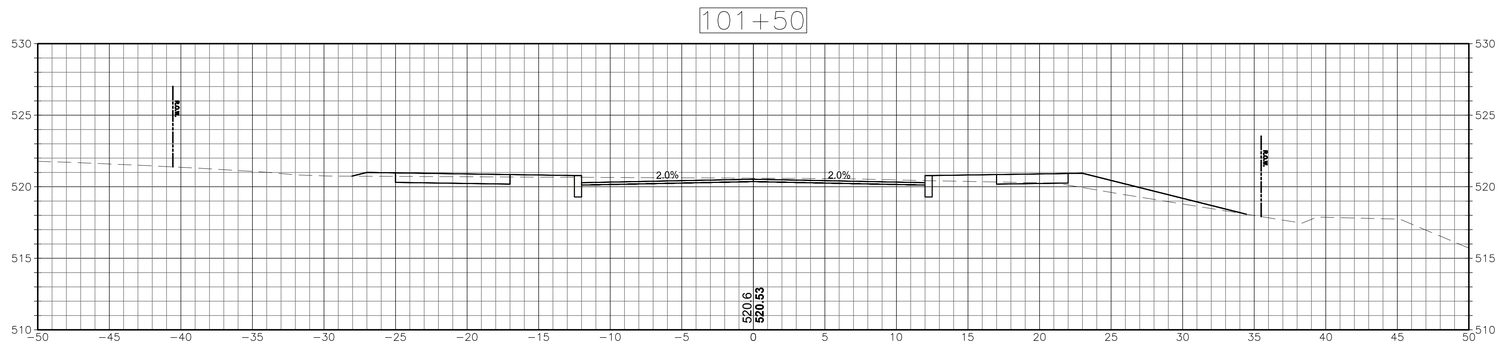
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CROSS SECTIONS
SCALE 1"=5'

Project:

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IMPROVEMENTS MAPLE ROAD
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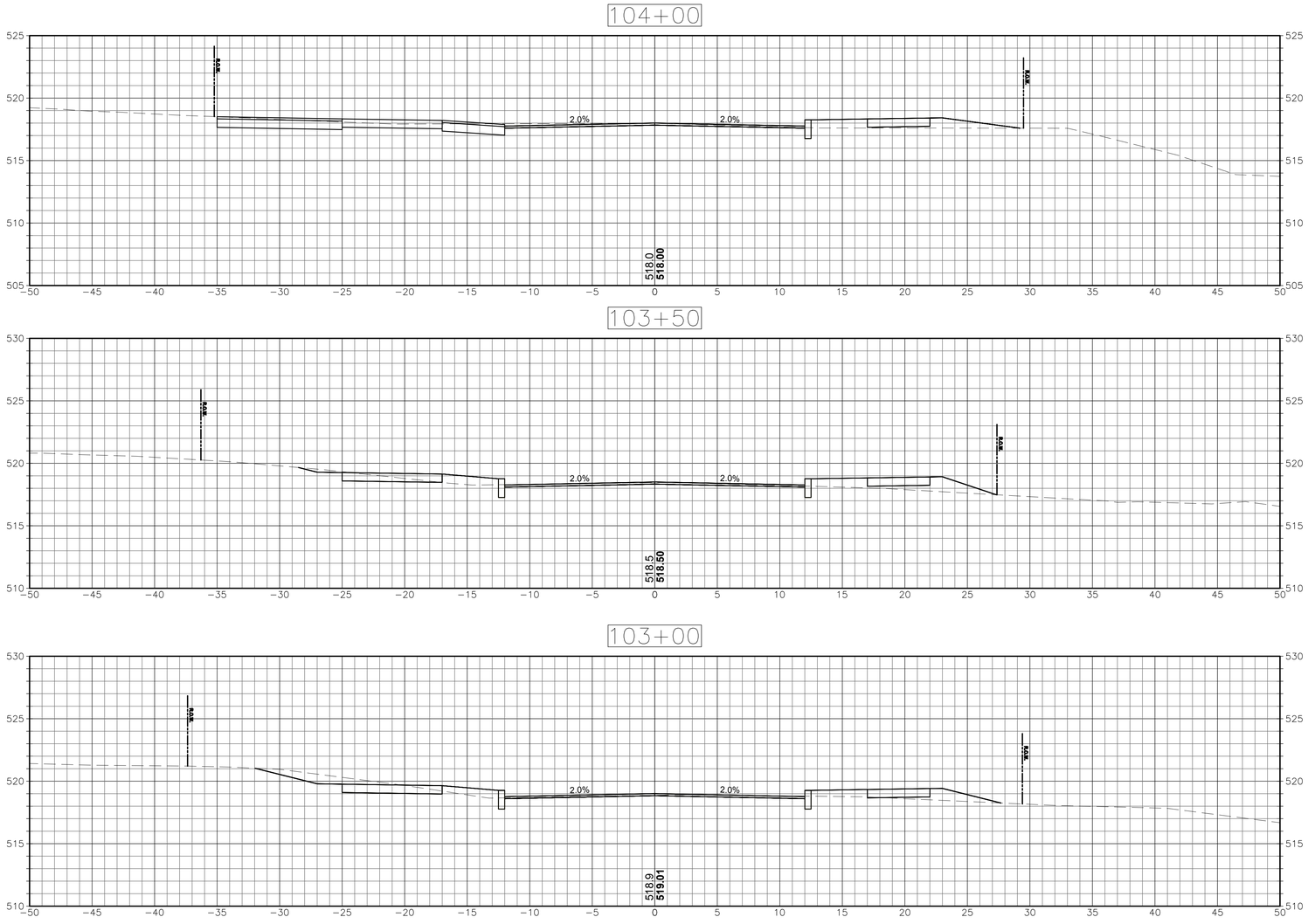
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CROSS SECTIONS

SCALE 1"=5'

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W&S File No.:	

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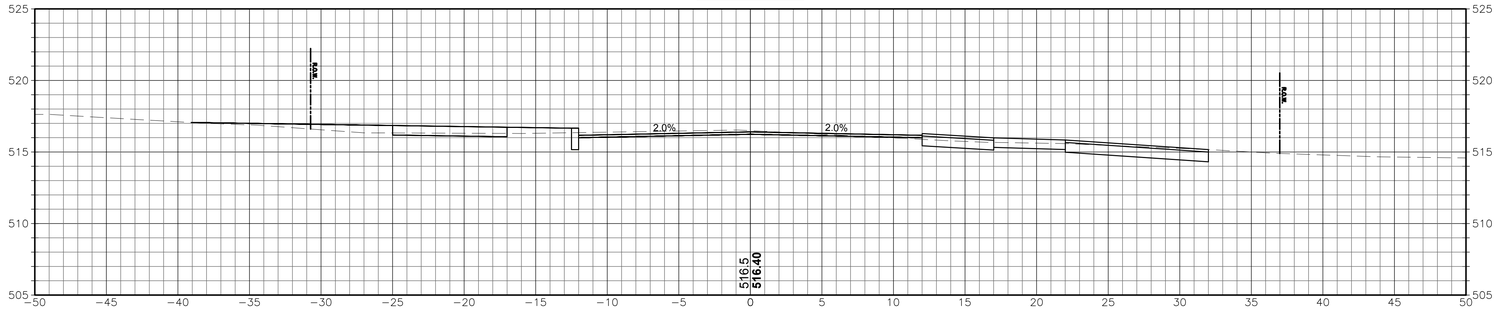
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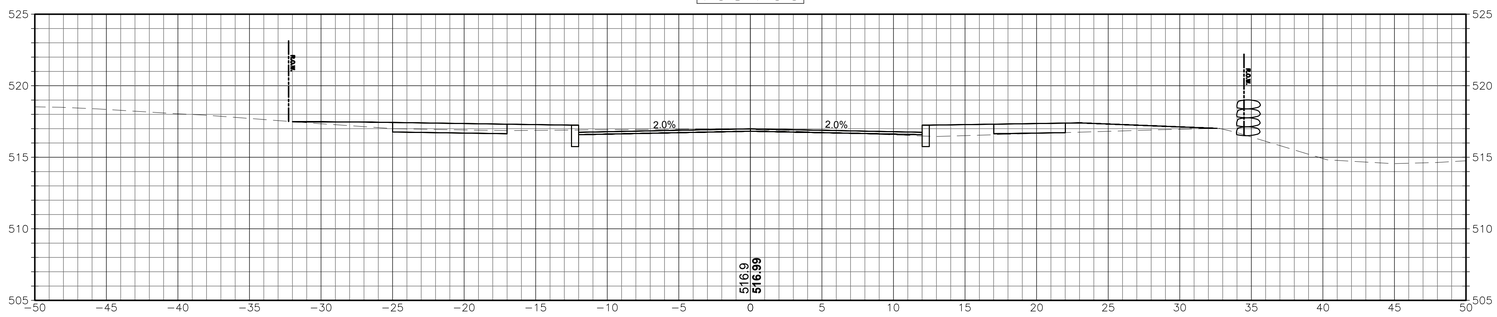
Rev. 1.8 Date: 04/10/2019

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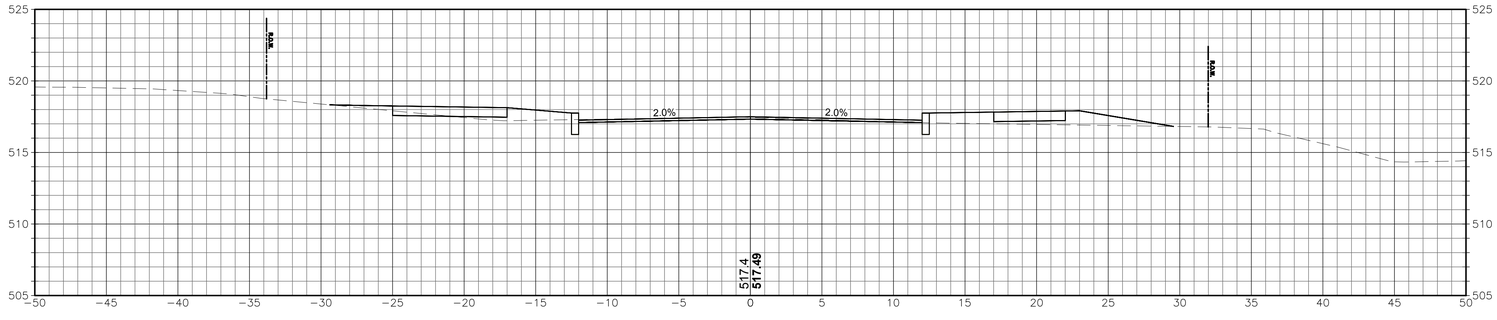
105+50



105+00



104+50



CROSS SECTIONS
SCALE 1"=5'

Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
RECONSTRUCTION & MULTI-USE
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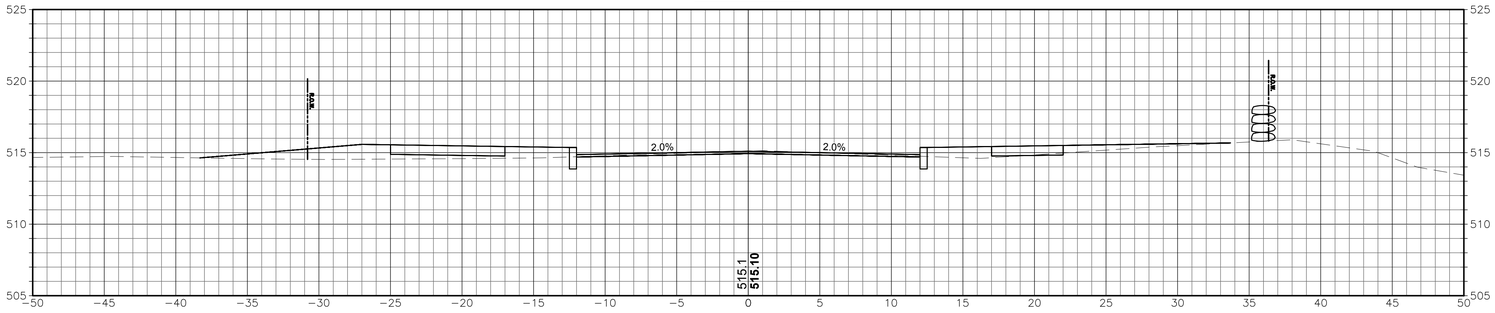
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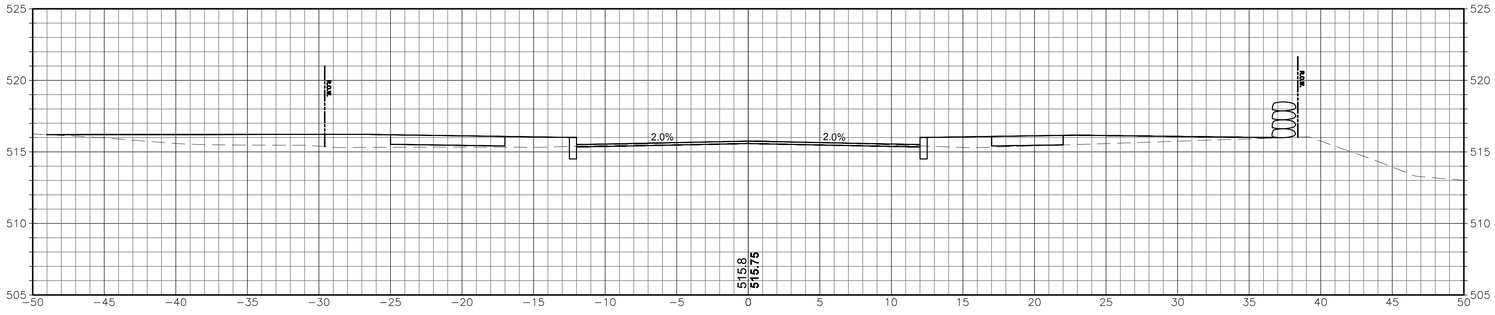
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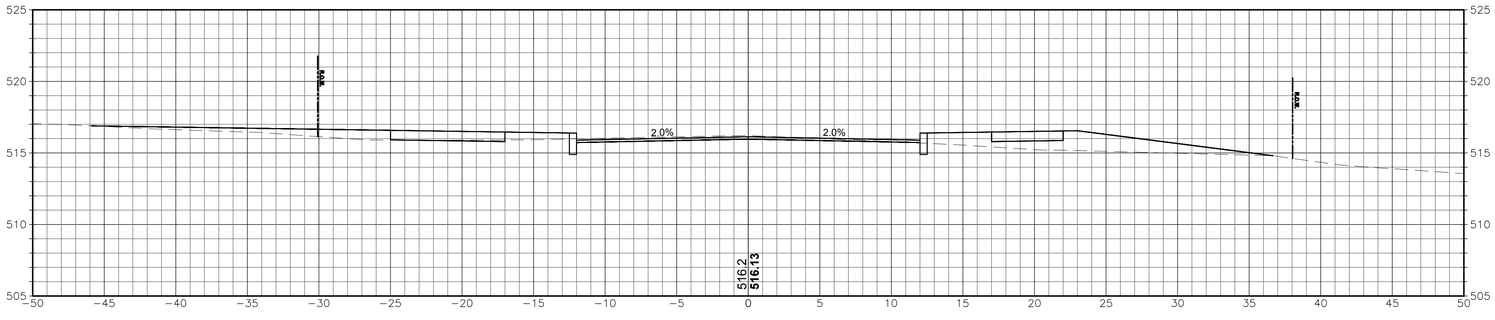
106+50



106+00



105+71



CROSS SECTIONS

SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS IMPROVEMENTS MAPLE ROAD RECONSTRUCTION & MULTI-USE PATH

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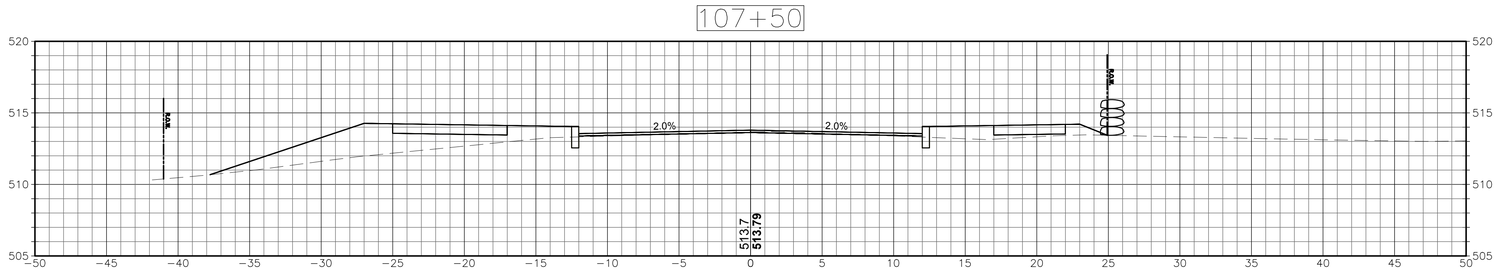
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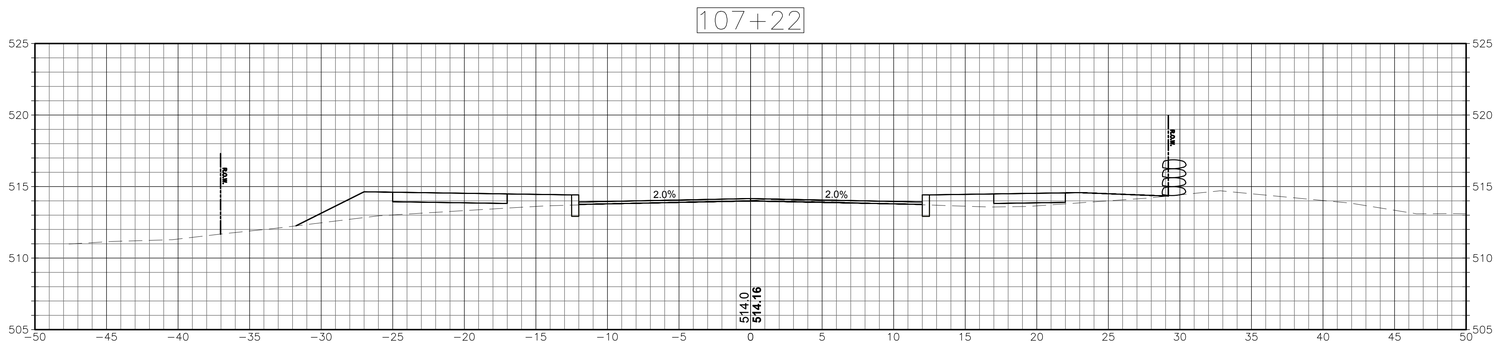
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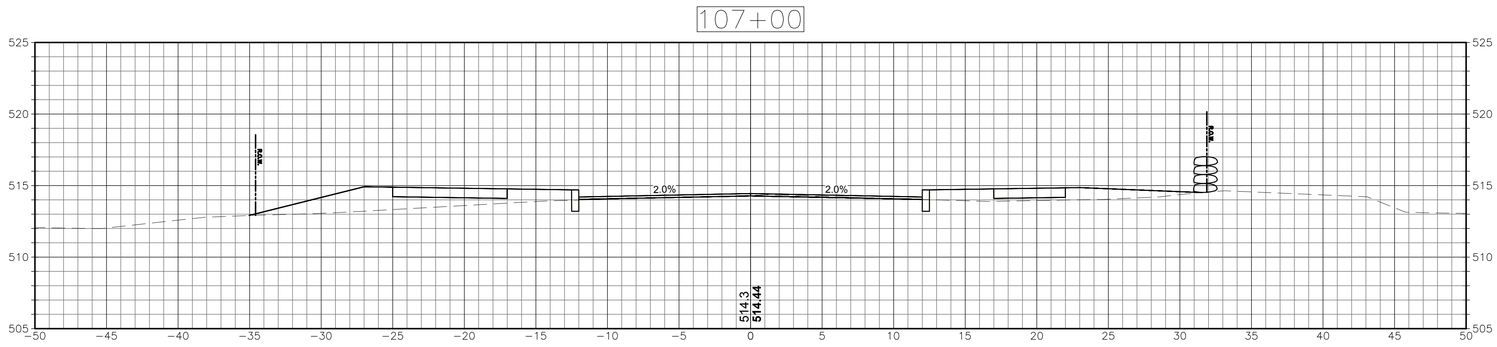
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CROSS SECTIONS
SCALE 1"=5'

Project:

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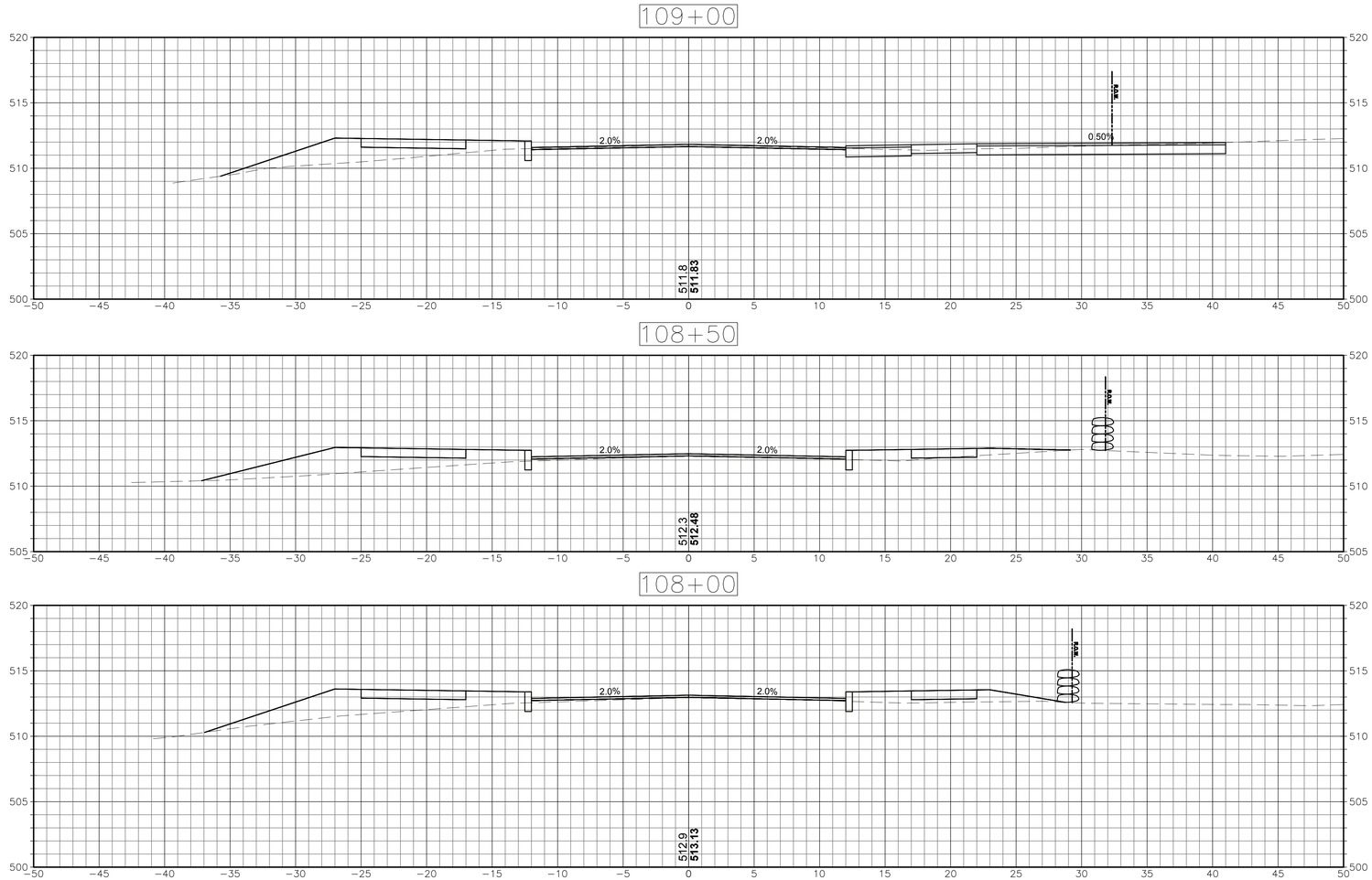
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CROSS SECTIONS
SCALE 1"=5'

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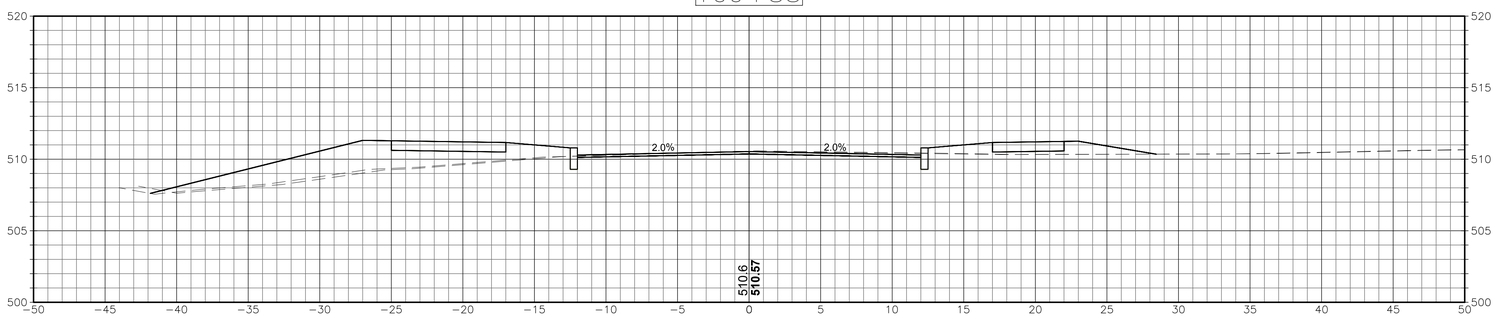
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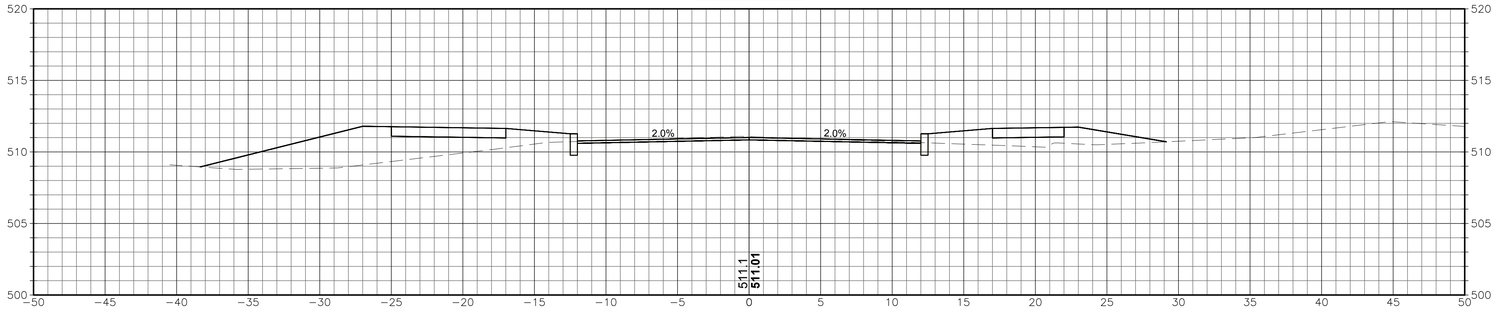
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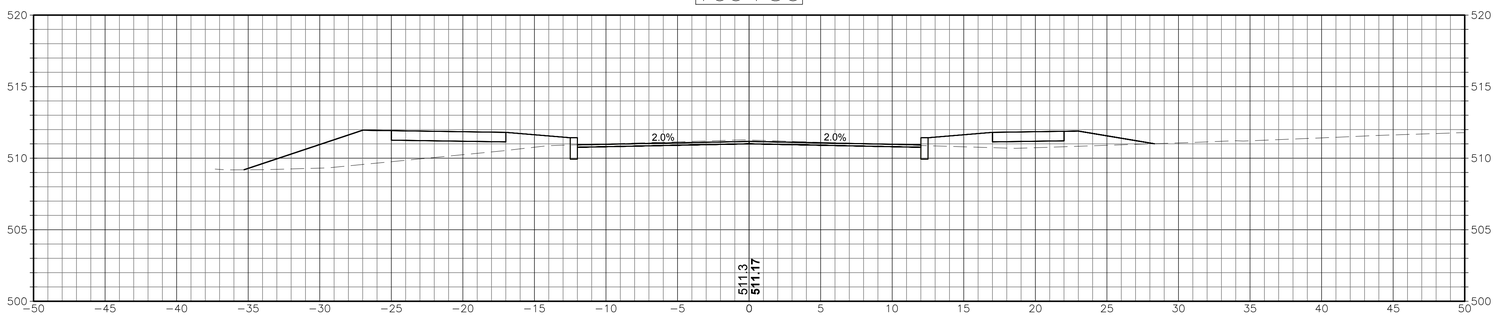
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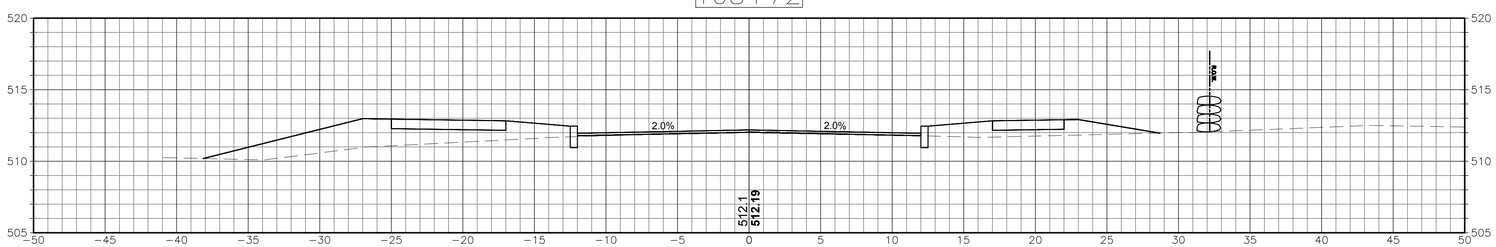
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109+50



108+72



CROSS SECTIONS

SCALE 1"=5'

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Project:

TOWN OF MANSFIELD

COMPLETE STREETS
IMPROVEMENTS MAPLE ROAD
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