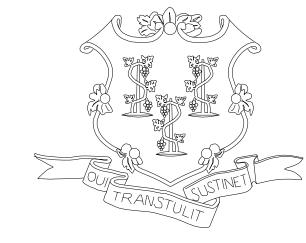
TOWN OF BRANFORD, CONNECTICUT



RECONSTRUCTION OF EAST INDUSTRIAL ROAD STATION 0+00-STATION 32+50

IN COOPERATION WITH THE



STATE OF CONNECTICUT

NED LAMONT, GOVERNOR

60% CONSTRUCTION DRAWINGS

DEPARTMENT OF TRANSPORTATION

GARRETT T. EUCALITTO, COMMISSIONER

FIRST SELECTMAN: JAMES B.COSGROVE

TOWN ENGINEER: JOHN M.HOEFFERLE, P.E



Stantec Consulting Sanices Inc 55 Church Street, Suite 601 Naw Haven, CT 06510-3014 Tel 203.495-1645 www.stantec.com

EAST INDUSTRIAL ROAD TO BE MAINTAINED BY THE TOWN OF BRANFORD

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GENERAL NOTES, ABBREVIATIONS

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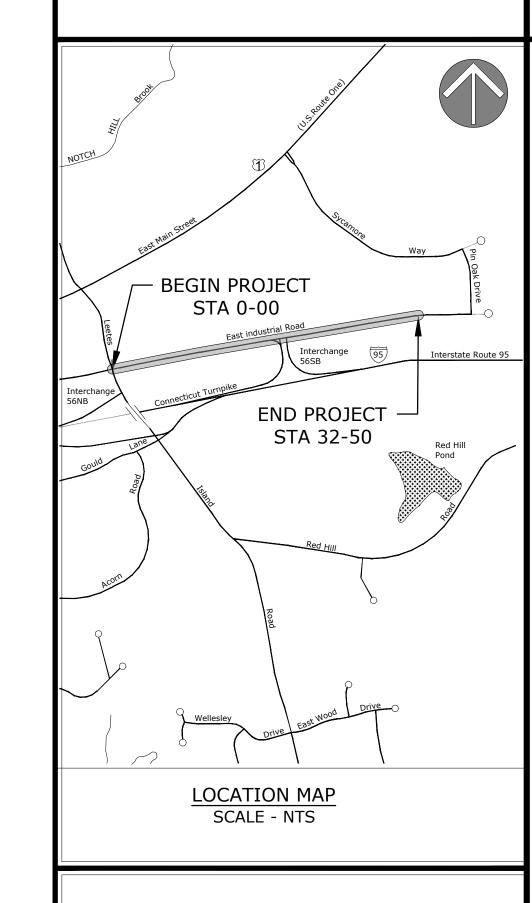
4-6 OF 54 EXISTING CONDITION PLANS
7-9 OF 54 ALIGNMENT PLANS

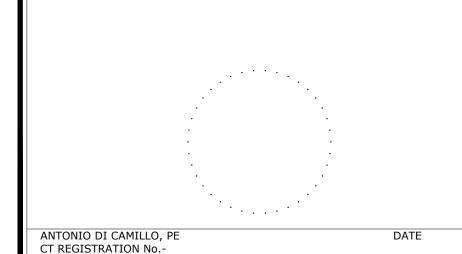
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ABBREVIATIONS

BITUMINOUS

BENCHMARK B.O.F. BOTTOM OF FOOTING C.C.S. CONNECTICUT COORDINATE SYSTEM CFS CUBIC FEET PER SECOND CONNECTICUT HIGHWAY DEPARTMENT CHD CONSTRUCTION OR CONTRACTION JOINT CLEAR C.L.&P. CONNECTICUT LIGHT AND POWER CONC. CONCRETE CONT. CONTINUOUS C.Y. CUBIC YARD DOUBLE DBL. DIA DIAMETER EACH EXPANSION JOINT ELEVATION EDGE OF PAVEMENT **EXISTING** MINIMUM COMPRESSIVE STRENGTH YIELD STRENGTH OF STEEL REINFORCEMENT FINISH FLOOR FIBERGLASS REINFORCED PLASTIC FEET OR FOOT GAUGE GALLON HORIZONTAL HMA HOT MIX ASPHALT LENGTH LINEAR FEET LUMP SUM L.S. LEFT LT LVC LENGTH OF VERTICAL CURVE MAX. MAXIMUM MIN. MINIMUM MON MONUMENT NTS NOT TO SCALE O.C. ON CENTER P.C. POINT OF CURVATURE P.I. POINT OF INTERSECTION P.T. POINT OF TANGENCY PVI POINT OF VERTICAL INTERSECTION RCCE REINFORCED CONCRETE CULVERT END RCP REINFORCED CONCRETE PIPE

RIGHT-OF-WAY

RAILROAD

STATION

STANDARD

TOP OF FRAME

TOP OF GRATE

TOP OF WALL

TYPICAL

TOP OF FOOTING

WETLAND FLAG

VITRIFIED CLAY PIPE

SQUARE FOOT

STAINLESS STEEL

R.O.W.

R.R.

S.F.

S.S.

STA.

STD.

T.F.

T.G.

T.O.F.

T.O.W.

TYP.

VCP

LEGEND

ESCRIPTION	EXISTING SYMBOL
OPERTY CORNER	•
/ REBAR	0
ON / MERESTONE	
NCH MARK	\oplus
TLITY POLE	···
TLITY POLE W/ LIGHT	⇔
JY WIRE	\longrightarrow
AGPOLE	0
AS VALVE	
ATER VALVE	
RE HYDRANT	Ô
ATCH BASIN	
ONITORING WELL	MW
ANHOLE	\odot
GN	
GHT POLE	Ø
RD LIGHT	
OOD POST	<u></u>
ECIDUOUS TREE	
ONIFEROUS TREE	*
IRUB	
TUMP	
EDGE	£
ONEWALL	
AILBOX	F.
DULDER	
ANTED AREA	
RAVEL AREA	
ISTING BUILDING	
OT ELEVATION	X X.X'
DEX CONTOUR	
TERMEDIATE CONTOUR	
ETAL GUIDE RAIL	
EELINE	
NCE LINE	0
/ERHEAD WIRES	ohw
ATER LINE	— ·W——W——
AS LINE	— ·G —G —
ELEPHONE LINE	— T —T —
ECTRIC LINE	— ·E —E —
JRIED TRAFFIC PATTERN	
OPERTY LINE	
JRB CUT	
DAD PAINT MARK	

DESCRIPTION

PROJECT CENTER LINE	
SAWCUT AND MEET EXISTING DRIVEWAY/ ROADWAY	
PROPOSED MAJOR CONTOUR	80.00 —
PROPOSED MINOR CONTOUR	 79.50
CONCRETE SIDEWALK (5" THICK)	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
CONCRETE DRIVEWAY (8" THICK)	
BITUMINOUS CONCRETE DRIVEWAY	
LAWN/ LANDSCAPE AREA	
PAVEMENT RECLAMATION (18" DEPTH, INCLUDING SUBBASE)	
DRAINAGE PIPE	
TYPE "C" CATCH BASIN	
TYPE "C-L" CATCH BASIN	
STORM MANHOLE	(STOS)
TOP OF FRAME	T.F.
INVERT	INV.
RESET GAS VALVE	
RESET WATER VALVE	
SEWER MANHOLE	SENER
PROPOSED LANE PAVEMENT MARKING	
PROPOSED ARROW PAVEMENT MARKING	4
PROPOSED SIGN	•
SIGN WITH MUTCD NO.	W4-2R
LADDER BAR CROSSWALK	ШШ

PROPOSED SYMBOL

GENERAL NOTES

- 1. HIGHWAY LINE, STREET LINE, TOPOGRAPHIC, AND PLANIMETRIC INFORMATION DEPICTED HEREIN IS BASED ON FIELD SURVEYS CONDUCTED BY GESICK & ASSOCIATES, P.C.
- 2. THE PROJECT COORDINATE SYSTEM IS REFERENCED TO THE CONNECTICUT COORDINATE SYSTEM (NAD 83).
- 3. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
- 4. UNDERGROUND UTILITIES, STRUCTURES, AND OTHER FACILITIES DEPICTED HEREIN HAVE BEEN COMPILED FROM RECORD MAPPING AND FIELD LOCATIONS OF ABOVE GROUND FACILITIES AND MARKOUTS. ALL UNDERGROUND FACILITY LOCATIONS SHOWN SHOULD BE CONSIDERED APPROXIMATE ONLY AND ALL FACILITIES MAY NOT BE
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND FOR THE MAINTENANCE AND PROTECTION THEREOF. CONTACT THE CONNECTICUT "CALL BEFORE YOU DIG" CLEARANCE CENTER (1-800-922-4455) AT LEAST TWO WORKING DAYS PRIOR TO THE START OF WORK TO ESTABLISH AND HAVE MARKED ON THE GROUND THE LOCATION OF ALL UNDERGROUND UTILITIES. NOTIFY THE ENGINEER IN THE EVENT THAT A UTILITY IS LOCATED DURING THE PROGRESS OF THE WORK THAT IS NOT INDICATED ON OR IS NOT IN ACCORDANCE WITH THE

UTILITY COMPANY CONTACTS:

		(2.2.)
CABLE TELF	EVISION - COMCAST OF CONNECTICUT, INC.	(860)491-6701
COMMUNIC	CATIONS - AT&T CORPORATION	(914) 467-1097
COMMUNIC	CATIONS - CROWN CASTLE FIBER, LLC	(203) 649-3904
COMMUNIC	CATIONS - FRONTIER COMMUNICATIONS OF CONNECTICUT	(203) 238-5000
COMMUNIC	CATIONS - MCI COMMUNICATIONS SERVICES, INC.	(401) 727-9558
ELECTRIC	- EVERSOURCE ENERGY	(860) 728-4628
GAS	- SOUTHERN CONNECTICUT GAS COMPANY	(203) 795-7868
SANITARY S	SEWER - TOWN OF BRANFORD ENGINEERING DEPARTMENT	(203) 315-0606
WATER	- SOUTHERN CONNECTICUT REGIONAL WATER AUTHO	RITY (203) 401-6709

- 6. IN GENERAL, EXISTING CONDITIONS AND FEATURES ARE DEPICTED IN SCREENED GRAPHICS AND TITLECASE LETTERING AND PROPOSED WORK IS DEPICTED IN BOLD GRAPHICS AND UPPERCASE LETTERING.
- 7. ECB-2023-3 THE STANDARD SPECIFICATIONS AS DEFINED IN THE CONTRACT DOCUMENTS ARE THE "STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 818", 2020, INCLUDING SUPPLEMENTAL SPECIFICATIONS DATED JULY 2023 PER ECB-2023-3
- 8. UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE PROJECT CONTRACT LIMIT LINES SHALL BE THE EAST INDUSTRIAL ROAD AND LEETES ISLAND ROAD STREET LINES AND THE INTERSTATE ROUTE 95 HIGHWAY LINES SHOWN ON THE DRAWINGS.
- 9. PRIOR TO THE START OF WORK, THOROUGHLY REVIEW THE CONTRACT DOCUMENTS, THE SITE OF THE WORK AND ALL EXISTING CONDITIONS AND FEATURES. NOTIFY THE ENGINEER OF DISCREPANCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS AND FEATURES IN THE FIELD.
- 10. ADHERE TO THE REGULATIONS AND ORDINANCES OF THE TOWN OF BRANFORD, ALL APPLICABLE STATE AND FEDERAL REGULATORY AUTHORITIES, THE PROVISIONS OF THE CONTRACT DOCUMENTS, AND ALL APPROVALS
- 11. PROVIDE EROSION AND SEDIMENT CONTROLS AS SHOWN ON THE DRAWINGS OR AS ORDERED BY THE ENGINEER. THE MINIMUM STANDARDS FOR ALL EROSION AND SEDIMENT CONTROLS SHALL BE THOSE OUTLINED IN THE "2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL", LATEST REVISION. TEMPORARY EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED.
- 12. MATERIAL AND EQUIPMENT STORAGE AREA LOCATIONS SHALL BE APPROVED BY THE ENGINEER.
- 13. VEHICLE AND EQUIPMENT FUELING AND MAINTENANCE OPERATIONS SHALL BE PERFORMED ONLY IN AREAS APPROVED BY THE ENGINEER.
- 14. IN THE EVENT OF A CONTAMINANT RELEASE, IMMEDIATELY NOTIFY THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION EMERGENCY RESPONSE AND SPILL PREVENTION DIVISION (860-424-3338 OR 866-337-7745) AND THE TOWN OF BRANFORD FIRE MARSHALS OFFICE (203-488-7266).
- 15. CONTRACTOR SHALL OBTAIN ENCROACHMENT PERMIT FROM THE CONNECTICUT DEPARTMENT OF TRANSPORTATION.
- 16. COORDINATE ALL UTILITY WORK WITH THE RESPECTIVE UTILITY COMPANIES.
- 17. BE RESPONSIBLE FOR THE MAINTENANCE AND PROTECTION OF TRAFFIC WITHIN AND ADJACENT TO WORK AREAS. MAINTAIN VEHICULAR AND PEDESTRIAN INGRESS AND EGRESS TO PROPERTIES ADJOINING WORK AREAS. REFER TO THE MAINTENANCE AND PROTECTION OF TRAFFIC PLAN DRAWING SHEET INCLUDED HEREIN FOR ADDITIONAL
- 18. BE RESPONSIBLE FOR THE CONTROL OF DUST RESULTING FROM CONSTRUCTION OPERATIONS.
- 19. PROTECT ALL EXISTING CONDITIONS AND FEATURES WHERE NEW CONSTRUCTION IS NOT SHOWN ON THE
- 20. PROTECT HIGHWAY LINE AND STREET LINE MONUMENTS AND PRIVATE BOUNDARY MARKERS. RESET HIGHWAY LINE AND STREET LINE MONUMENTS AND PRIVATE BOUNDARY MARKERS DISTURBED BY CONSTRUCTION OPERATIONS IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 21. PRIOR TO THE START OF TREE AND VEGETATION REMOVAL WORK, SCHEDULE A FIELD MEETING WITH THE ENGINEER TO REVIEW SPECIFIC TREES AND VEGETATION TO BE REMOVED AND TREES AND VEGETATION TO BE
- 22.REMOVE OR RESET EXISTING TRAFFIC, STREET NAME, AND OTHER SIGNAGE AS ORDERED TO BE REMOVED OR RESET BY THE ENGINEER. TEMPORARILY STORE SIGNAGE ORDERED TO BE REMOVED AND SALVAGED IN ACCORDANCE WITH THE PROVISIONS OF THE CONTRACT DOCUMENTS.
- 23. SAWCUT PAVEMENTS AT THE LINES SHOWN ON THE DRAWINGS. WHERE NEW BITUMINOUS CONCRETE PAVEMENT IS TO BE PLACED AGAINST EXISTING PAVEMENT, CLEAN THE FACE OF EXISTING PAVEMENT AND APPLY LIQUID BITUMEN. MATCH EXISTING ADJACENT PAVEMENT SURFACE ELEVATIONS WITH NEW PAVEMENT.
- 24. ADJUST HANDHOLES AND VALVE BOXES TO MATCH FINISHED ELEVATIONS.
- 25. PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE PAVEMENT MARKINGS AND SIGNAGE PLANS, AND THE APPLICABLE CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS INCLUDED HEREIN. REMOVE AND REPLACE EXISTING PAVEMENT MARKINGS OUTSIDE OF THE LIMITS OF CONSTRUCTION AS REQUIRED TO EFFECT THE PAVEMENT MARKINGS AND SIGNAGE PLANS AND TO MATCH PAVEMENT MARKINGS AT
- 26. TEMPORARY AND PERMANENT SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE PAVEMENT MARKINGS AND SIGNAGE PLANS, AND THE APPLICABLE CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD DRAWINGS INCLUDED HEREIN. UNLESS OTHERWISE NOTED, TEMPORARY AND PERMANENT SIGN IDENTIFICATION NUMBERS SHOWN ON THE DRAWINGS ARE IN ACCORDANCE WITH THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", LATEST REVISION AND THE CONNECTICUT DEPARTMENT OF TRANSPORTATION SIGN CATALOG, LATEST REVISION.
- 27. THE SUBGRADE OF DISTURBED GROUND SURFACES NOT NOTED TO BE SURFACED OTHERWISE SHALL RECEIVE A 6" THICKNESS OF TOPSOIL UPON WHICH TURF SHALL BE ESTABLISHED.

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				WORK WHICH WILL BE REQUIRED.
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Stantec Project No.: 192311596

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ELEVATION



ELEV / EL



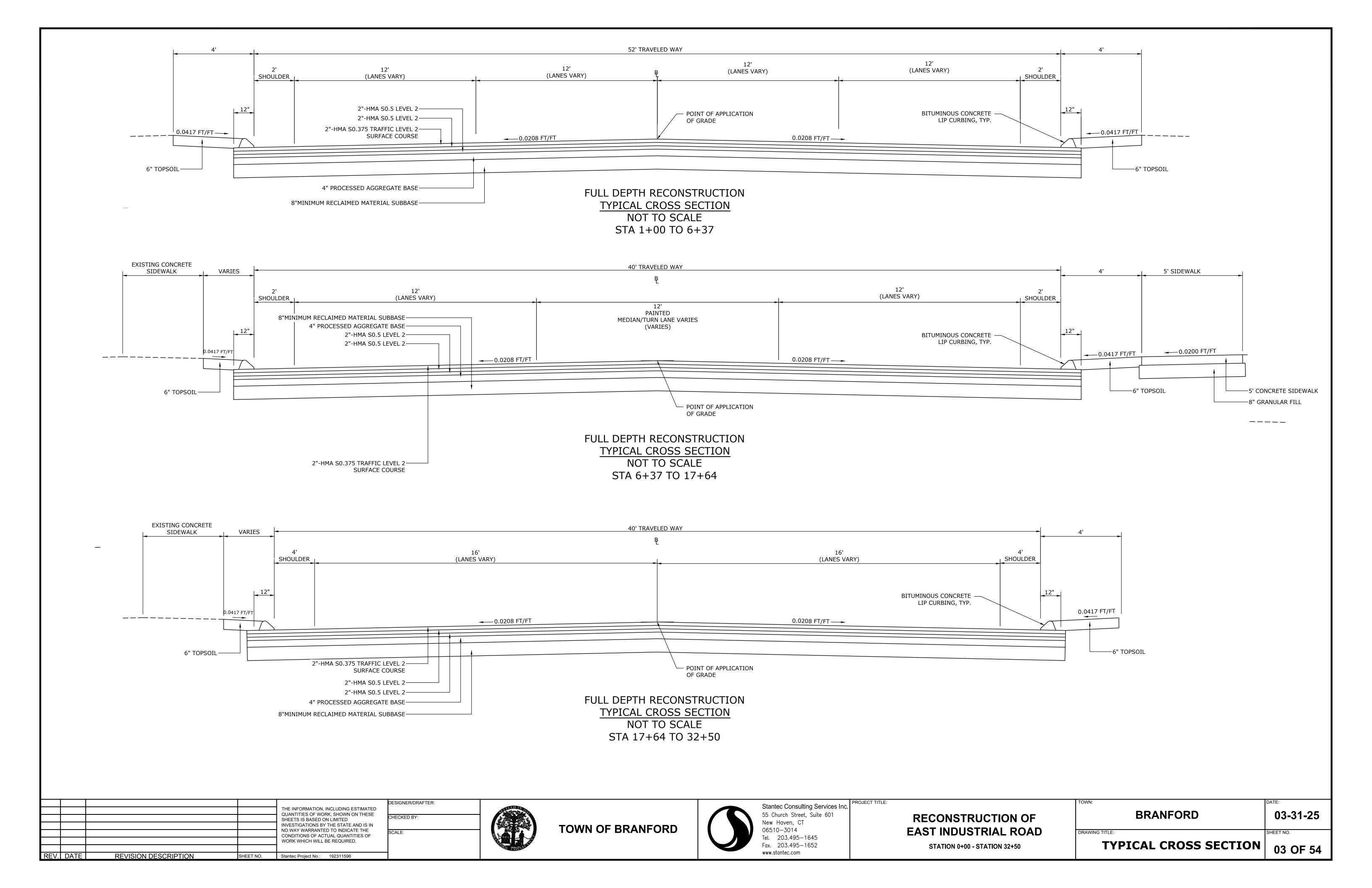
RECONSTRUCTION OF EAST INDUSTRIAL ROAD

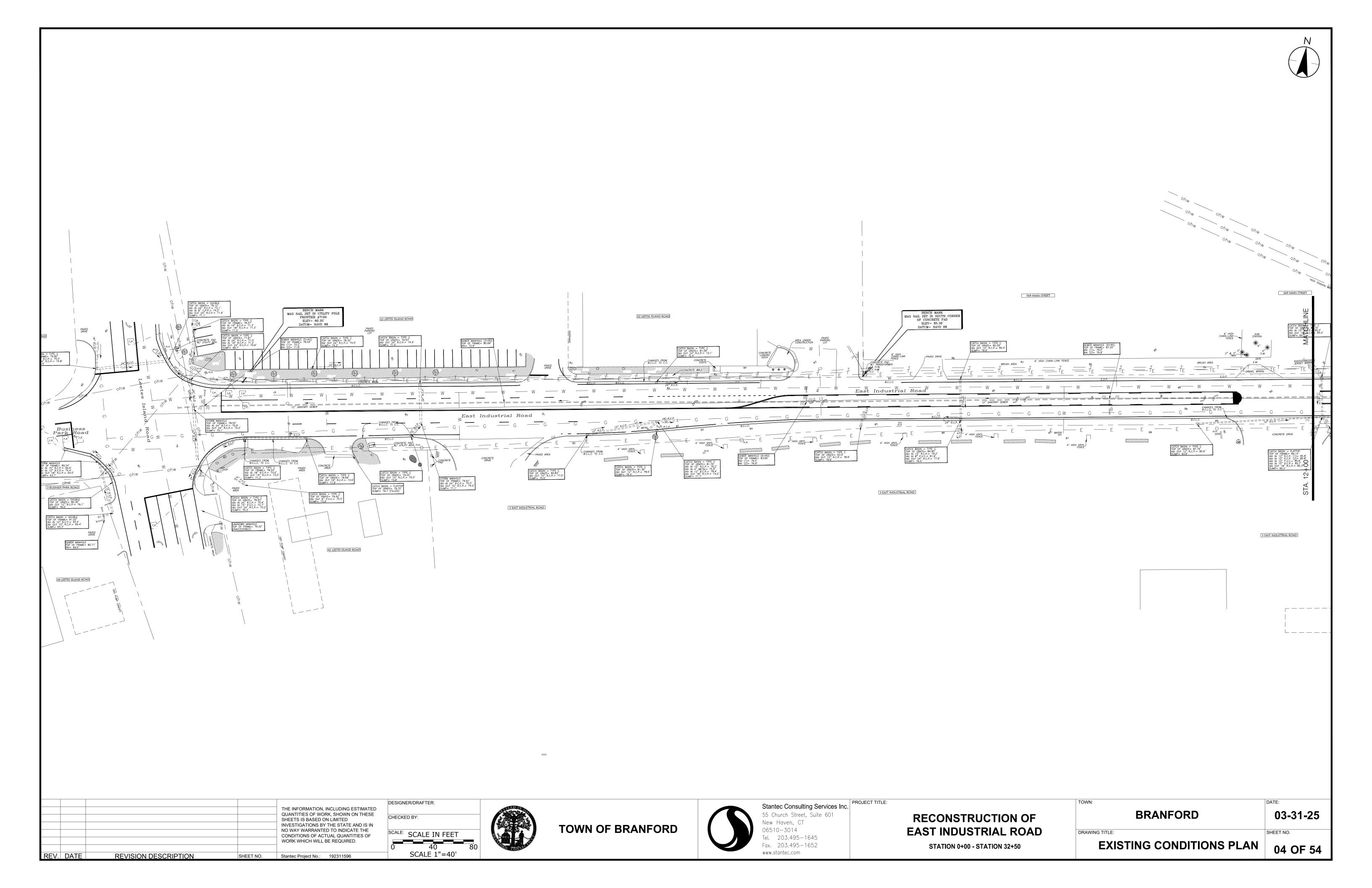
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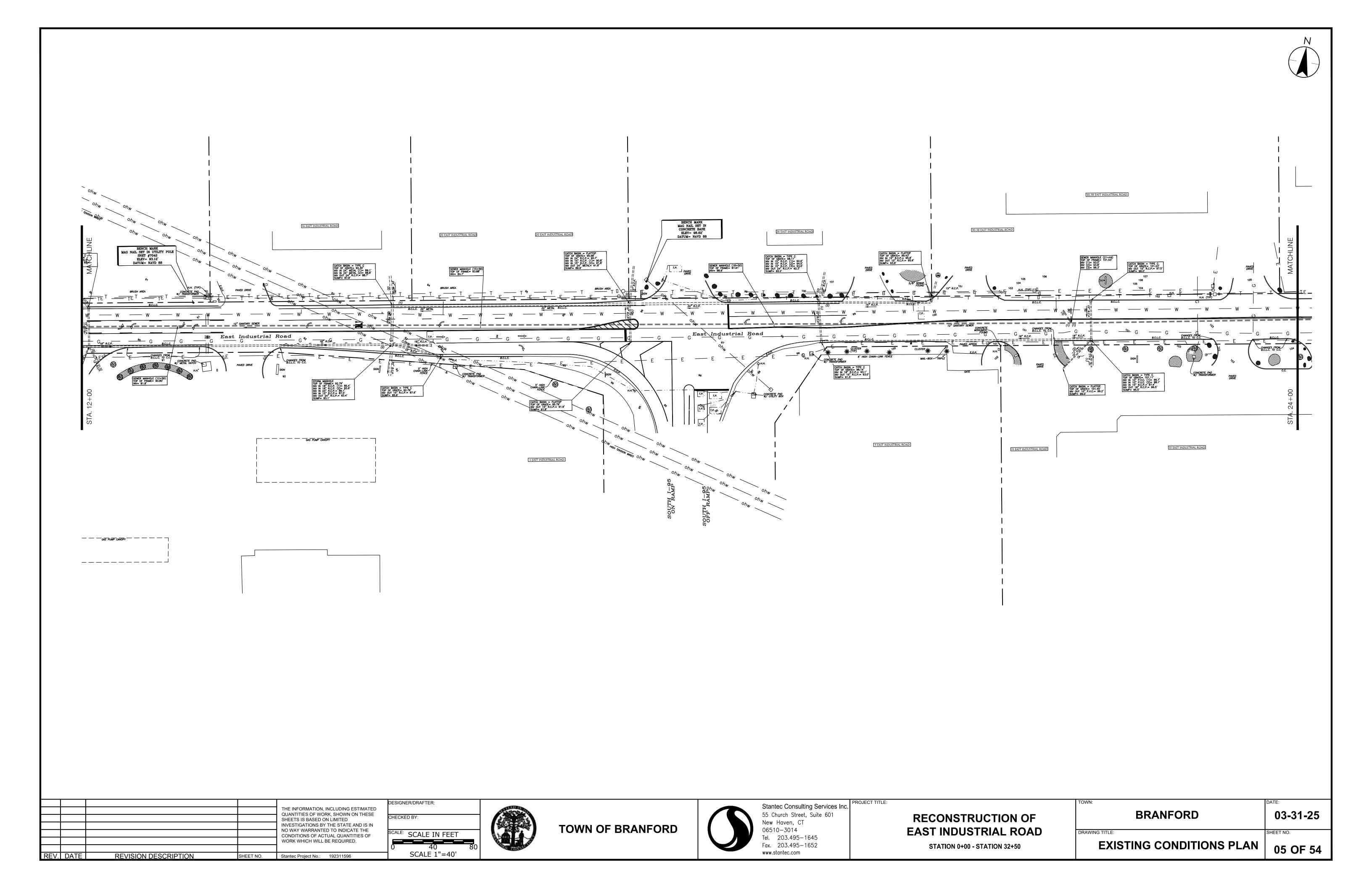
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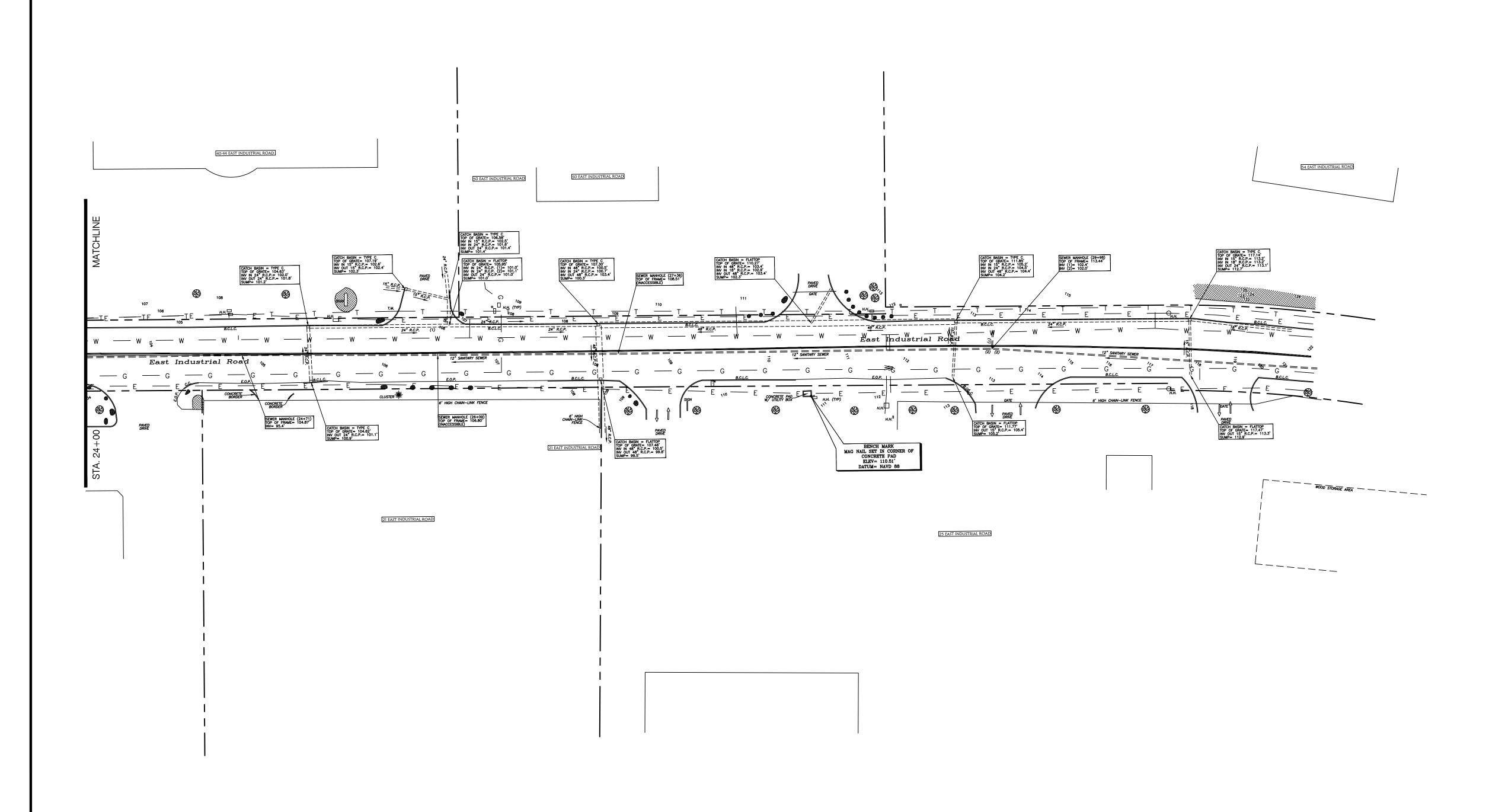
GENERAL NOTES, ABBREVIATION AND LEGEND











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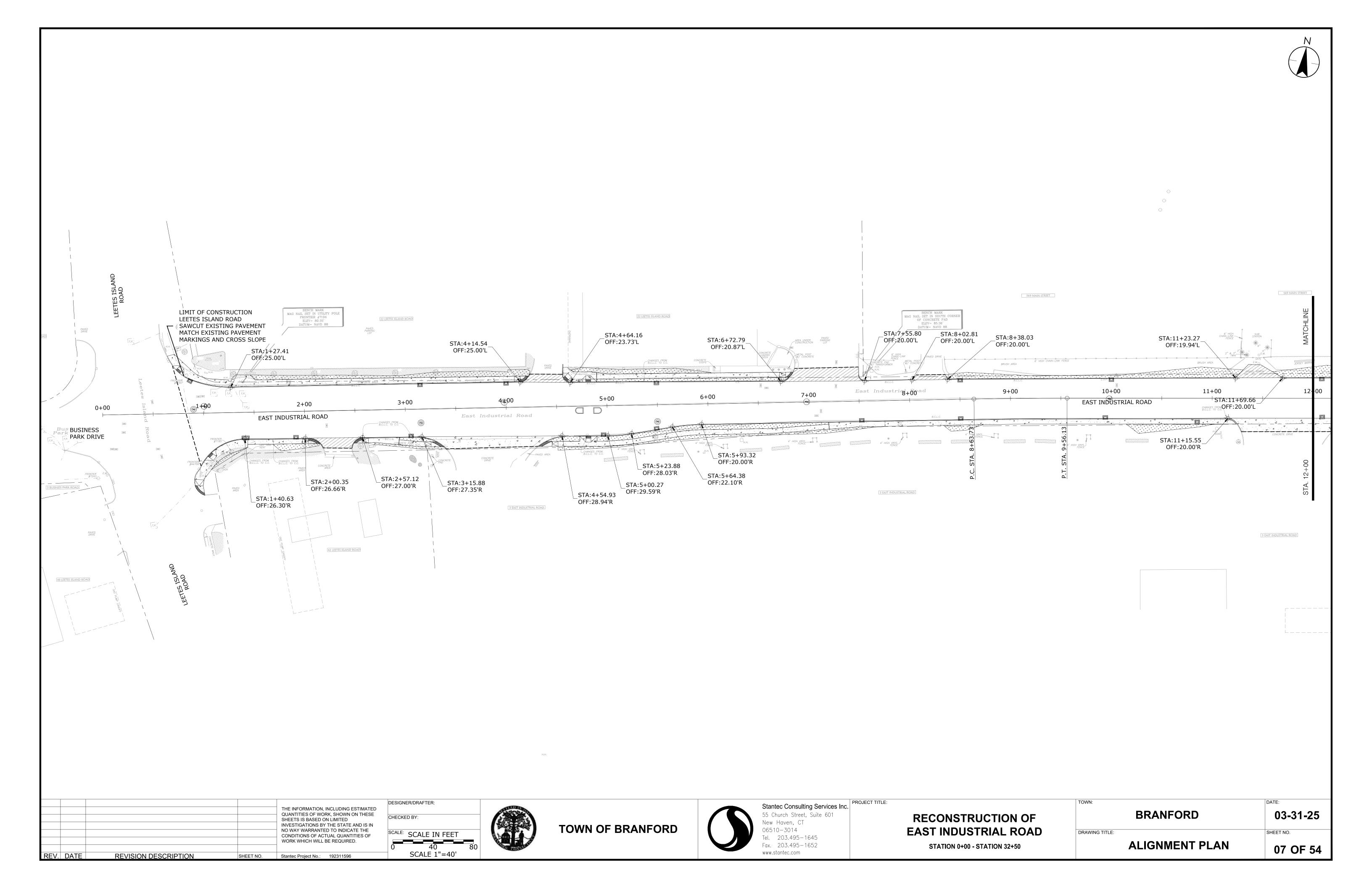
TOWN OF BRANFORD

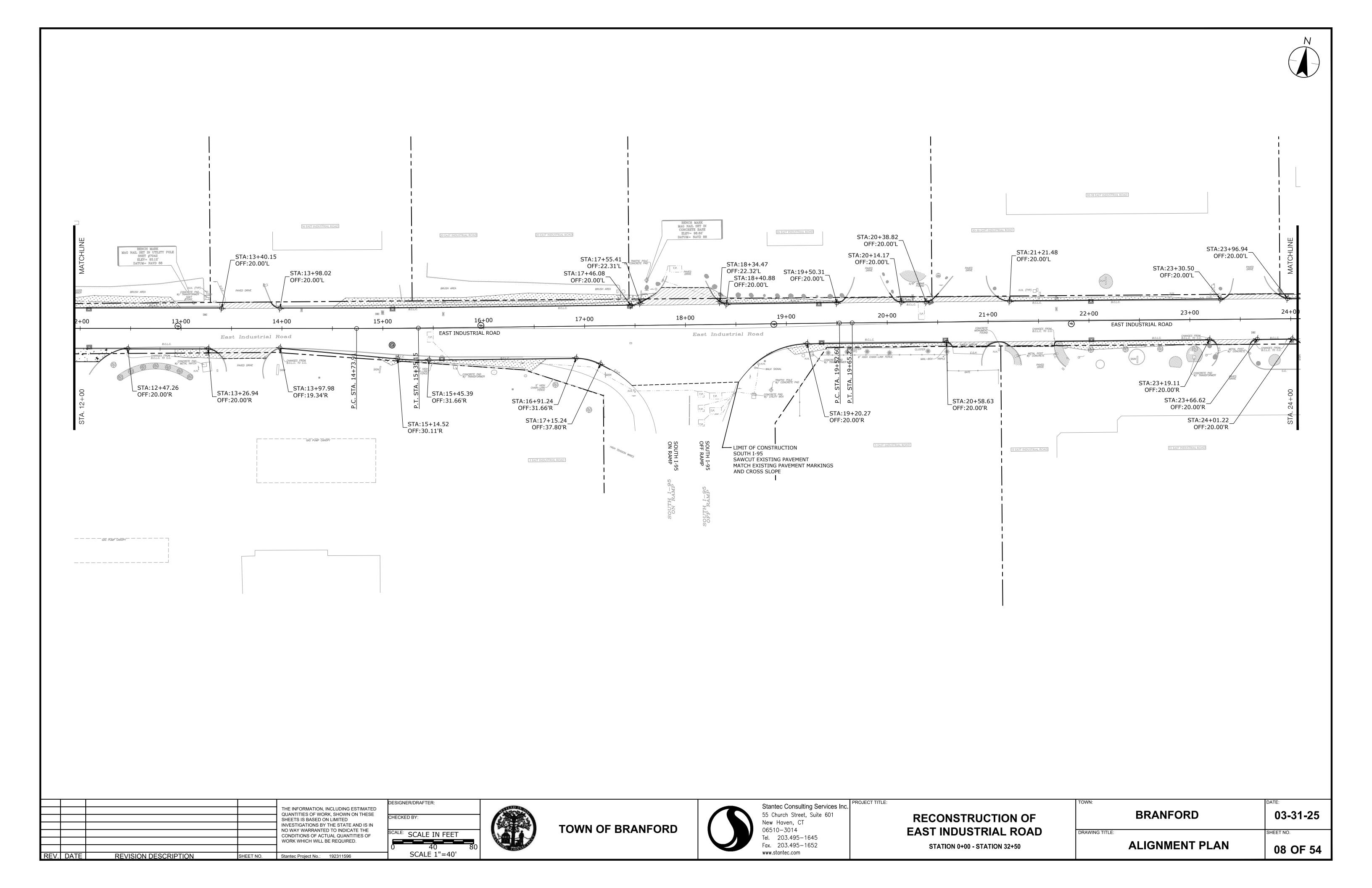
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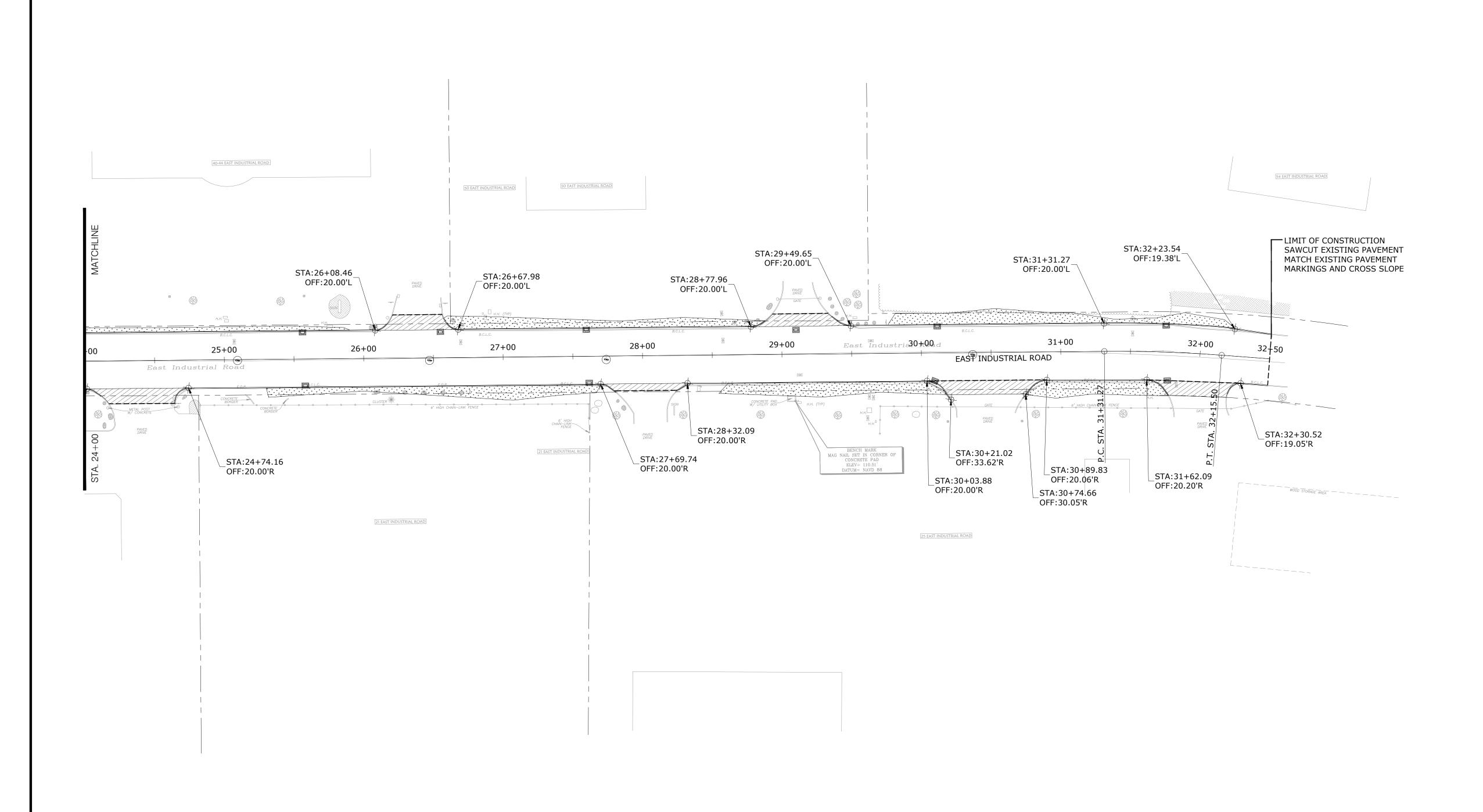
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BRANFORD	03-31-25
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EXISTING CONDITIONS PLAN	06 OF 54









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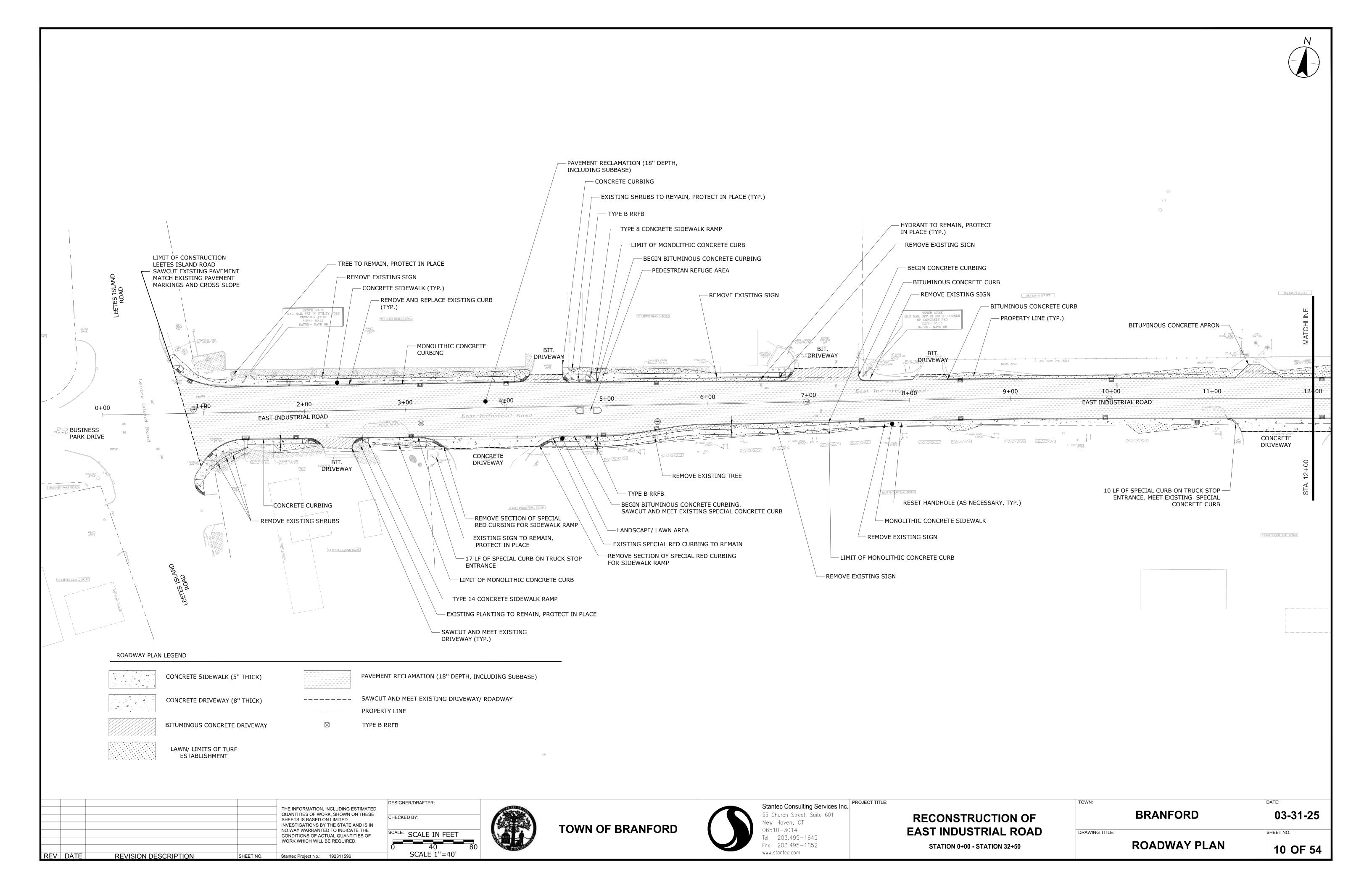
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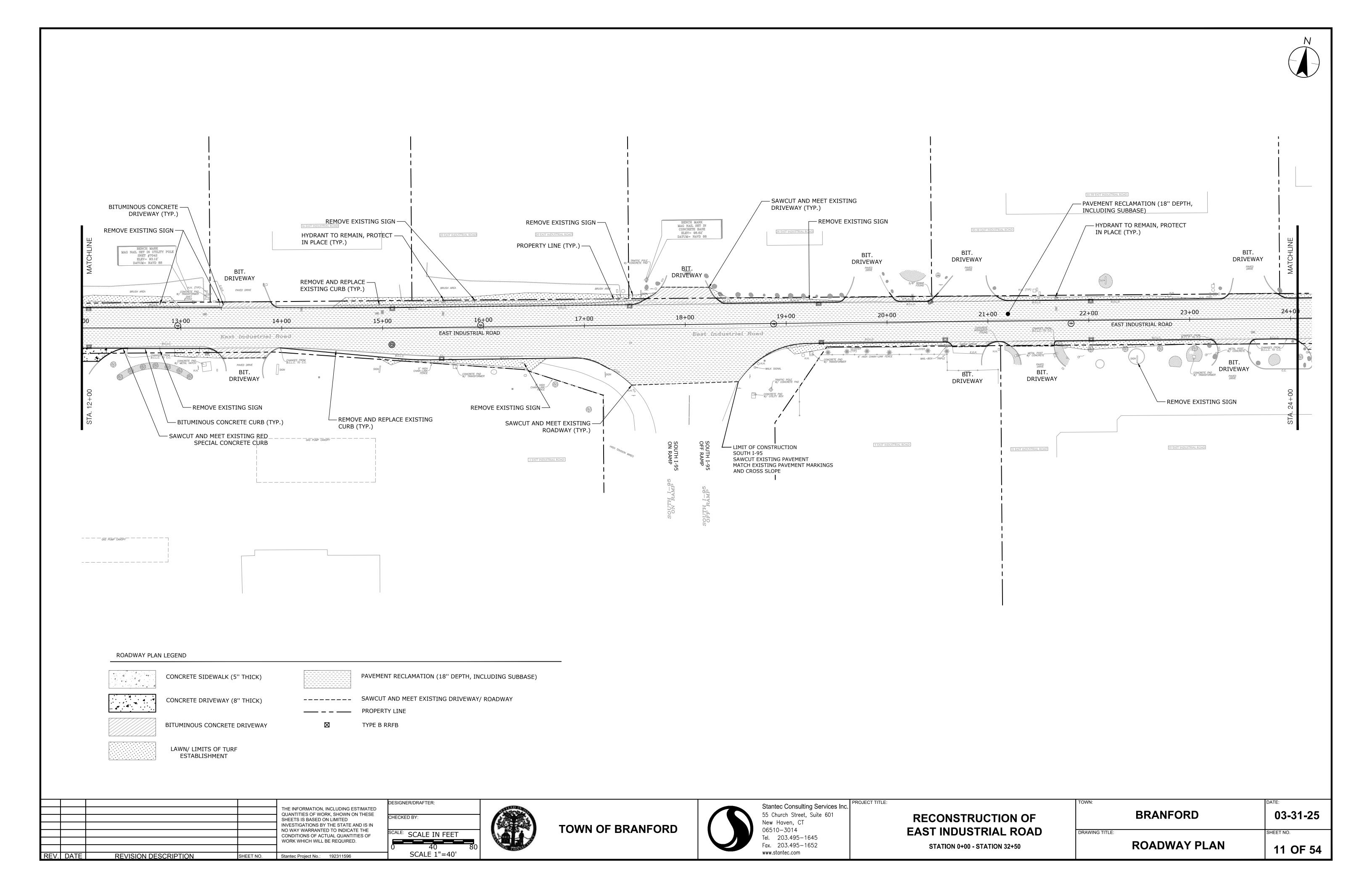


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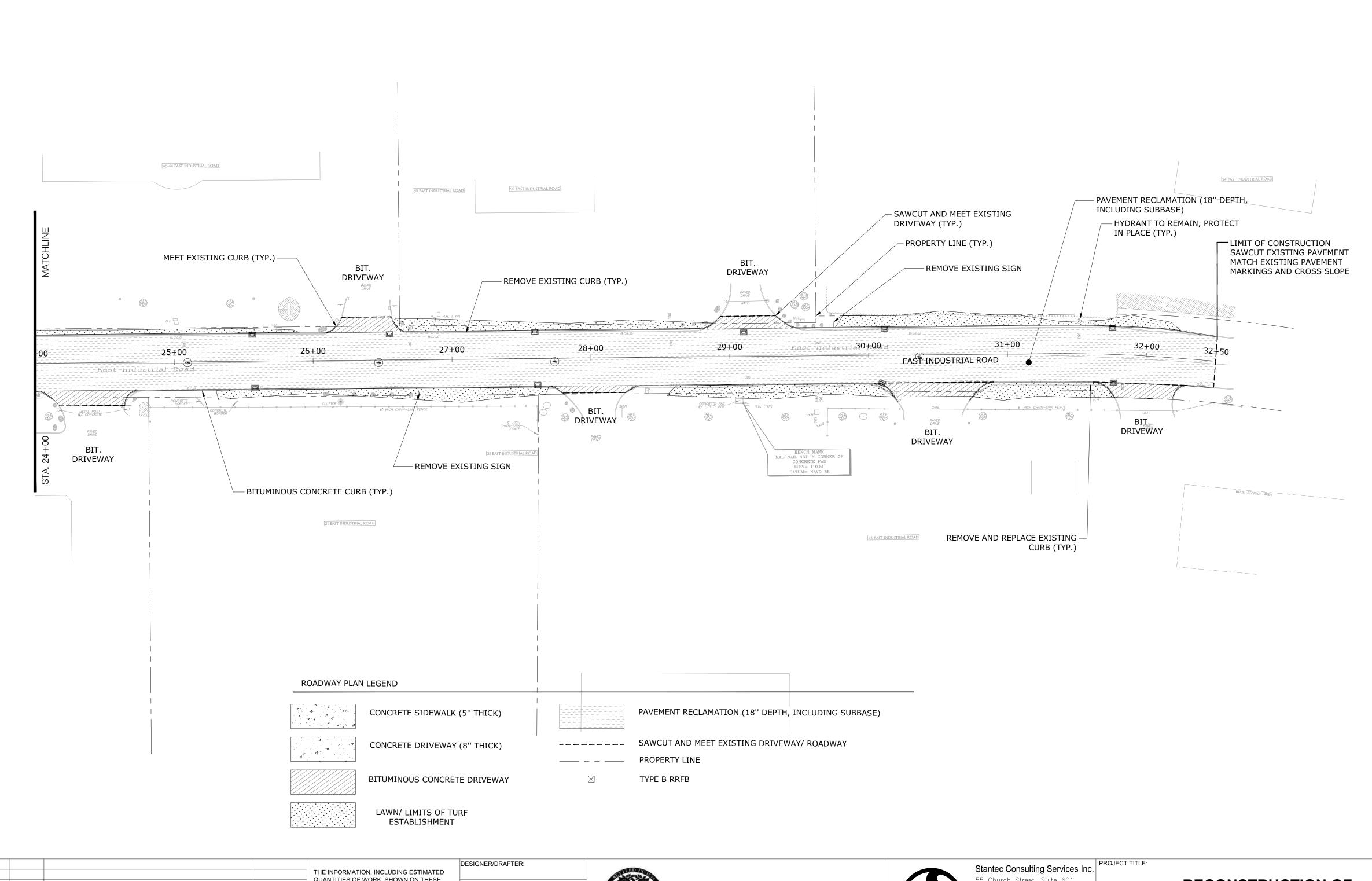
UCTION OF TRIAL ROAD **STATION 0+00 - STATION 32+50**

TOWN:	DATE:
BRANFORD	03-31-25
DRAWING TITLE:	SHEET NO.
ALIGNMENT PLAN	09 OF 54









QUANTITIES OF WORK, SHOWN ON THESE

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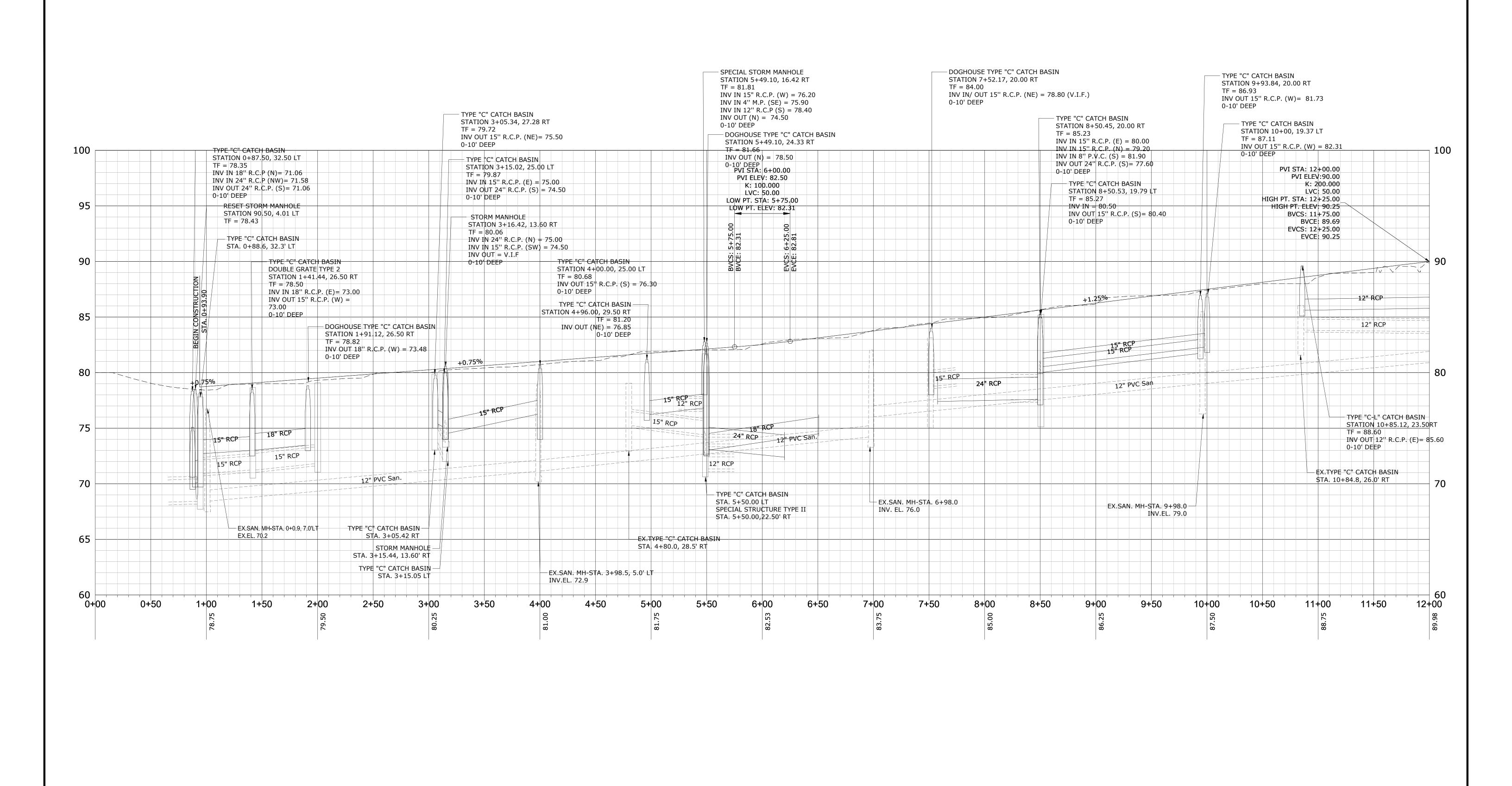
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RECONSTRUCTION OF EAST INDUSTRIAL ROAD STATION 0+00 - STATION 32+50

BRANFORD	DATE: 03-31-25
ROADWAY PLAN	12 OF 54



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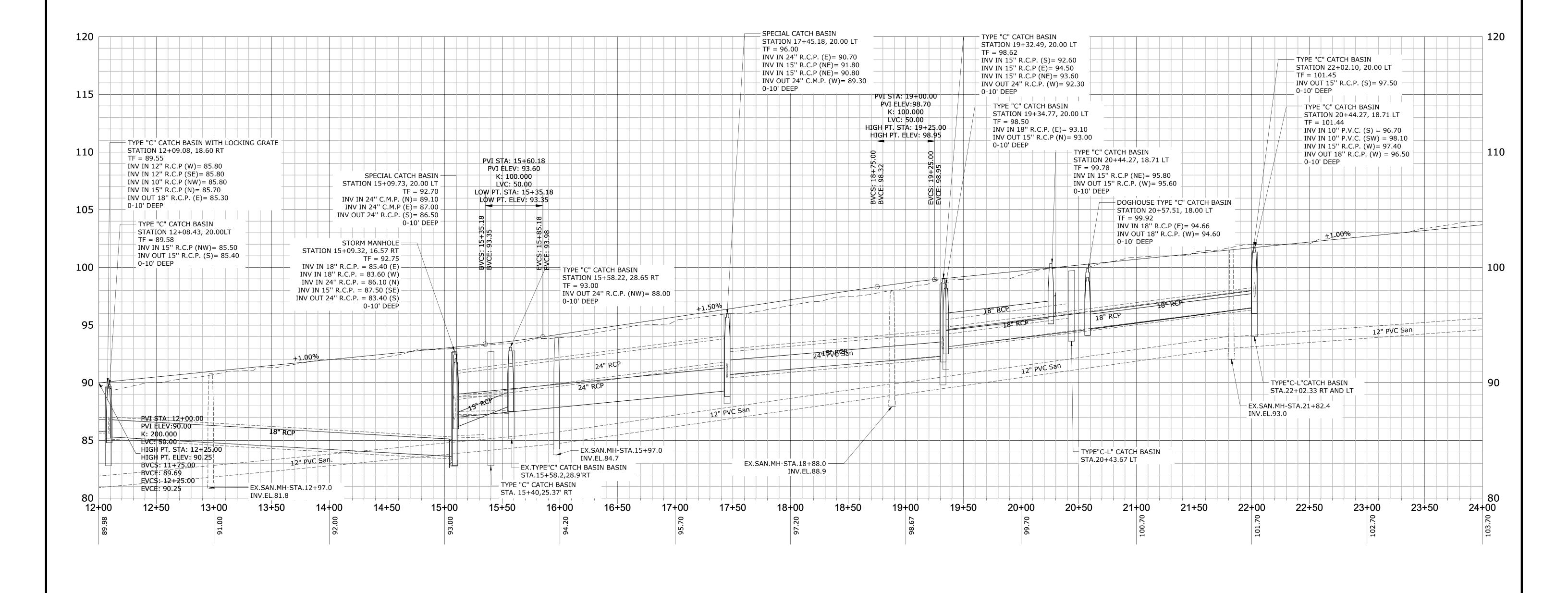


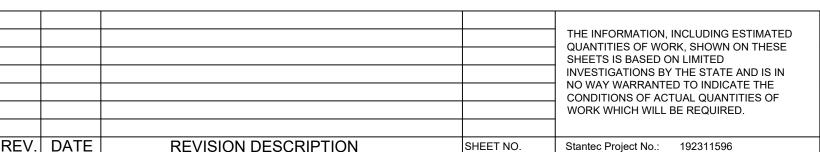


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BRANFORD	03-31-25
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ROADWAY PROFILE	13 OF 54





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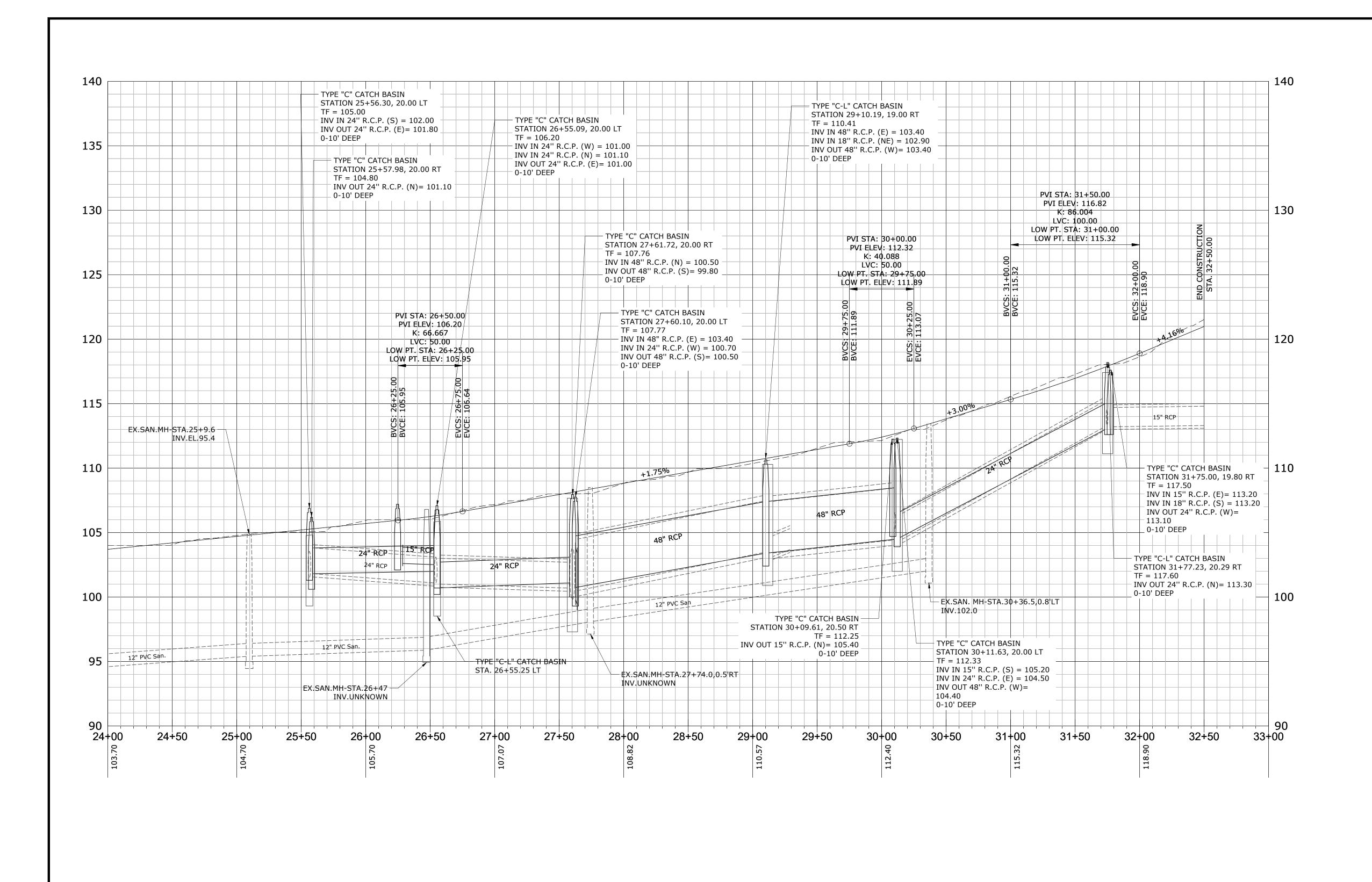
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RECONSTRUCTION OF EAST INDUSTRIAL ROAD

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BRANFORD	03-31-25
DRAWING TITLE:	SHEET NO.
ROADWAY PROFILE	14 OF 54



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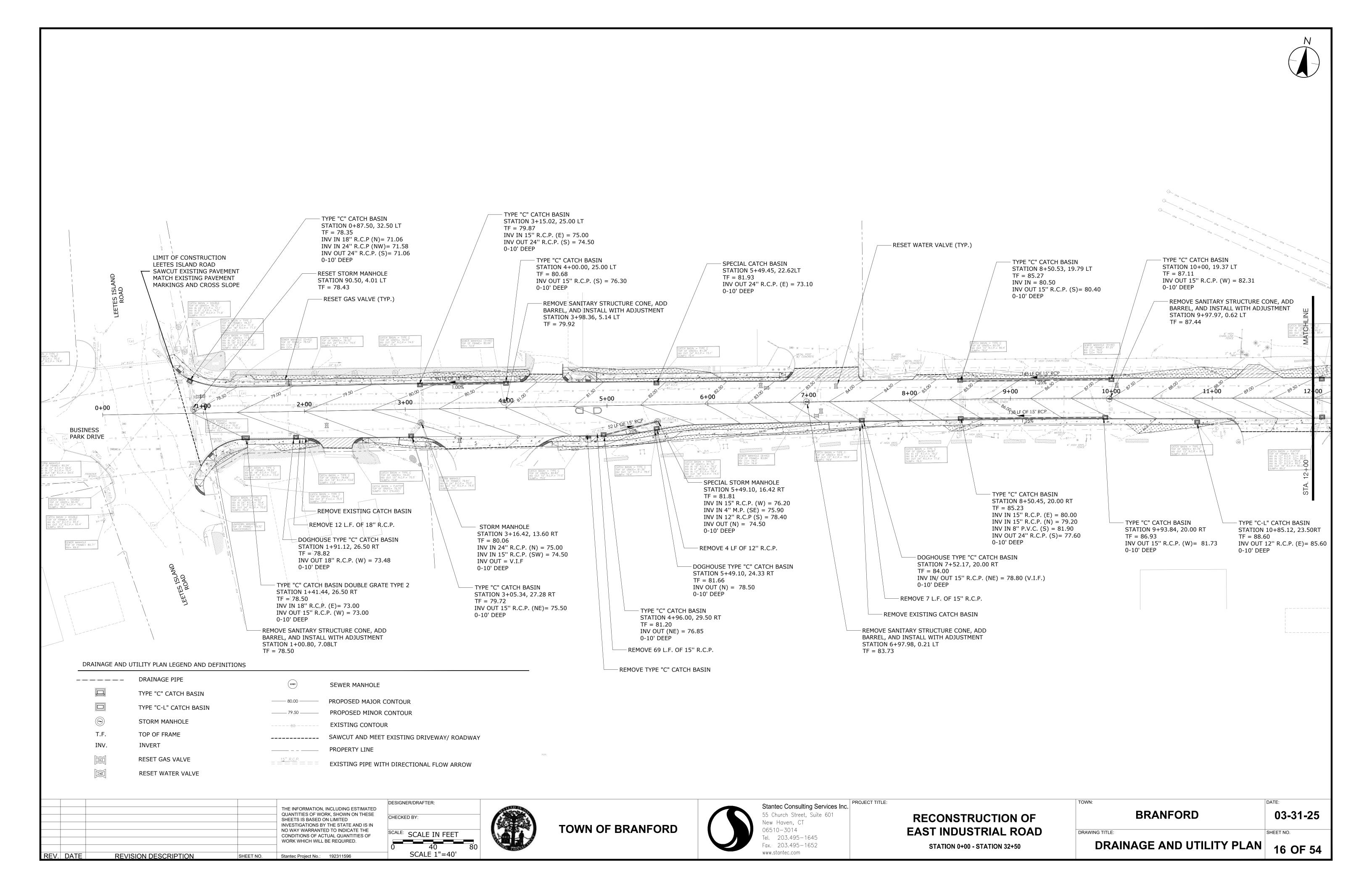


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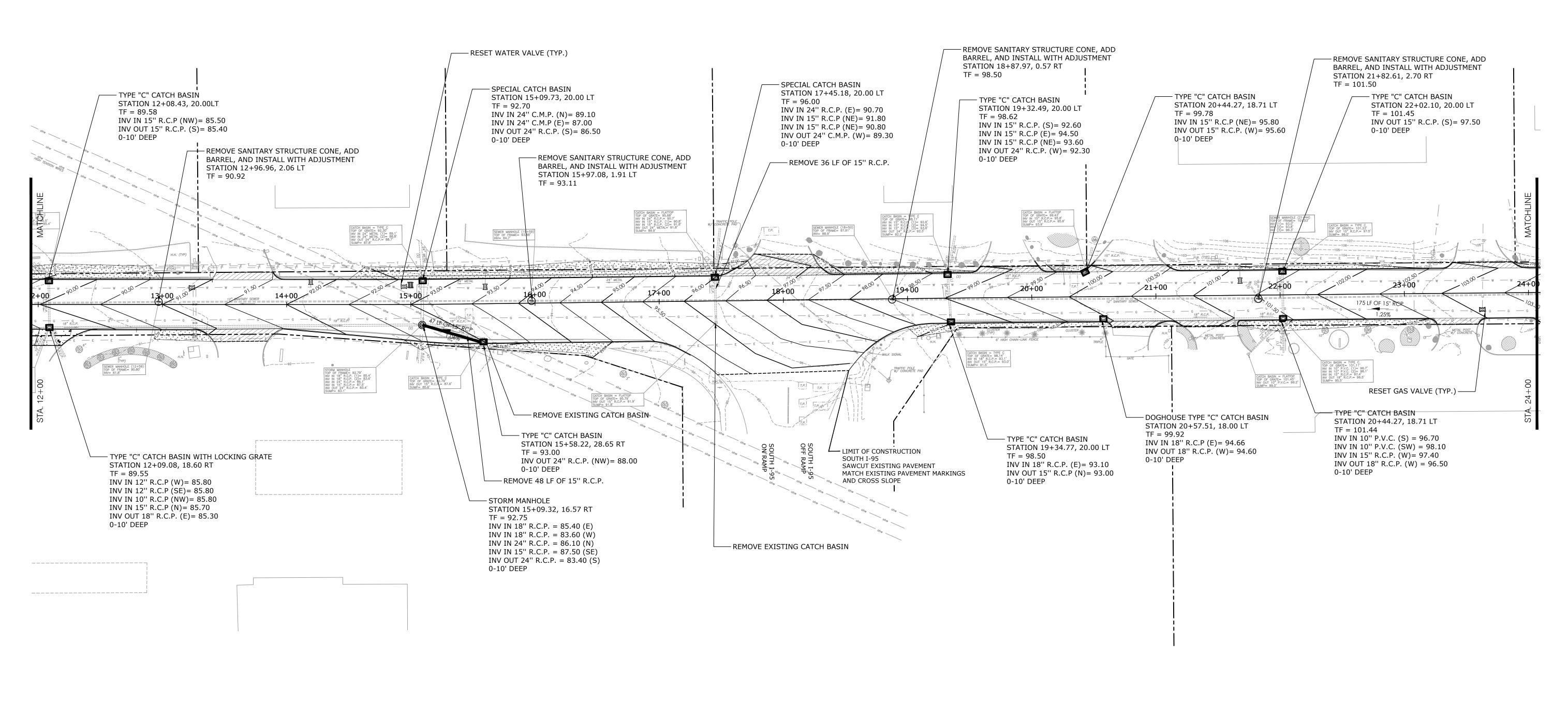
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RECONSTRUCTION OF EAST INDUSTRIAL ROAD

TOWN:	DATE:
BRANFORD	03-31-25
DRAWING TITLE:	SHEET NO.
ROADWAY PROFILE	15 OF 54







DRAINAGE AND UTILITY PLAN LEGEND AND DEFINITIONS

	DRAINAGE PIPE	SEWER	SEWER MANHOLE
	TYPE "C" CATCH BASIN	\bigcirc	SEWER MANITOLE
	TYPE "C-L" CATCH BASIN	80.00 ———	PROPOSED MAJOR CONTOUR
	TIFE C-E CATCH BASIN	 79.50	PROPOSED MINOR CONTOUR
	STORM MANHOLE		EXISTING CONTOUR
T.F.	TOP OF FRAME		SAWCUT AND MEET EXISTING DRIVEWAY/ ROADWAY
INV.	INVERT		PROPERTY LINE
	RESET GAS VALVE	<u>15" R.C.P</u>	FXISTING PIPE WITH DIRECTIONAL FLOW ARROW
	RESET WATER VALVE		The same and the same same and the same and
INV.	INVERT RESET GAS VALVE	1 <u>5" R.C.P</u>	·

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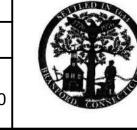
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TOWN OF BRANFORD

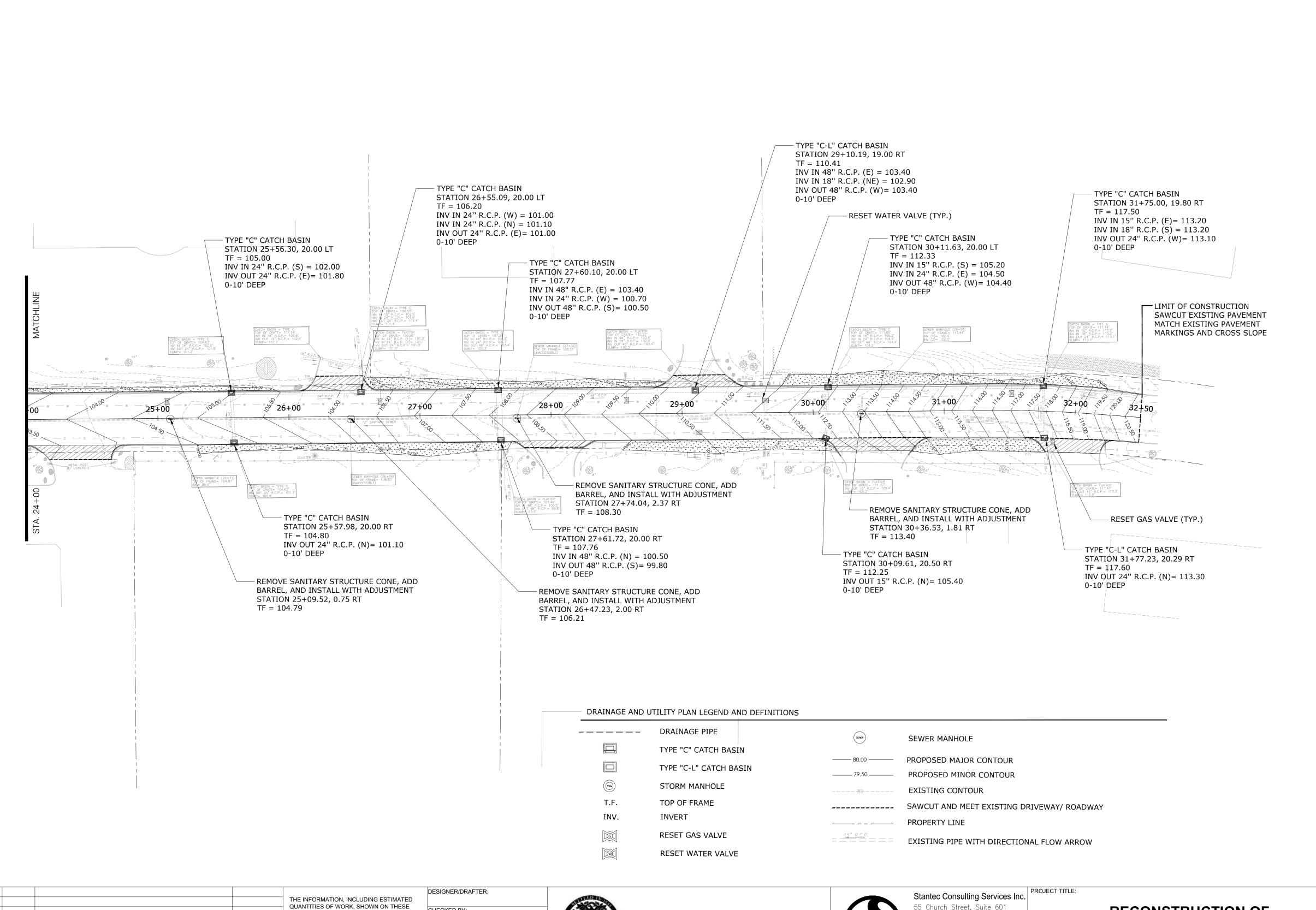


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RECONSTRUCTION OF EAST INDUSTRIAL ROAD

TOWN:	DATE:
BRANFORD	03-31-25
DRAWING TITLE:	SHEET NO.
DRAINAGE AND UTILITY PLAN	17 OF 54





TOWN OF BRANFORD

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RECONSTRUCTION OF EAST INDUSTRIAL ROAD

STATION 0+00 - STATION 32+50

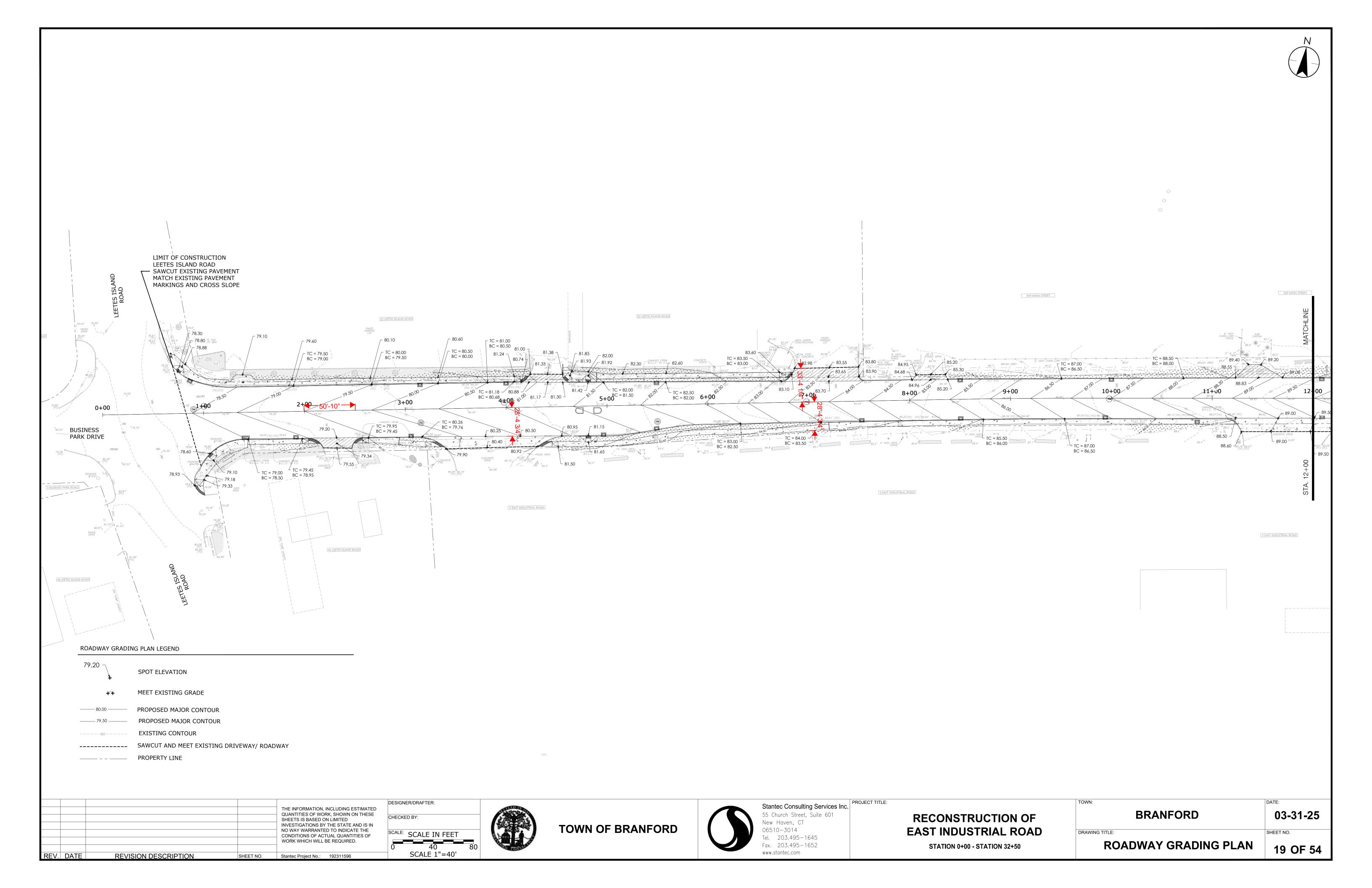
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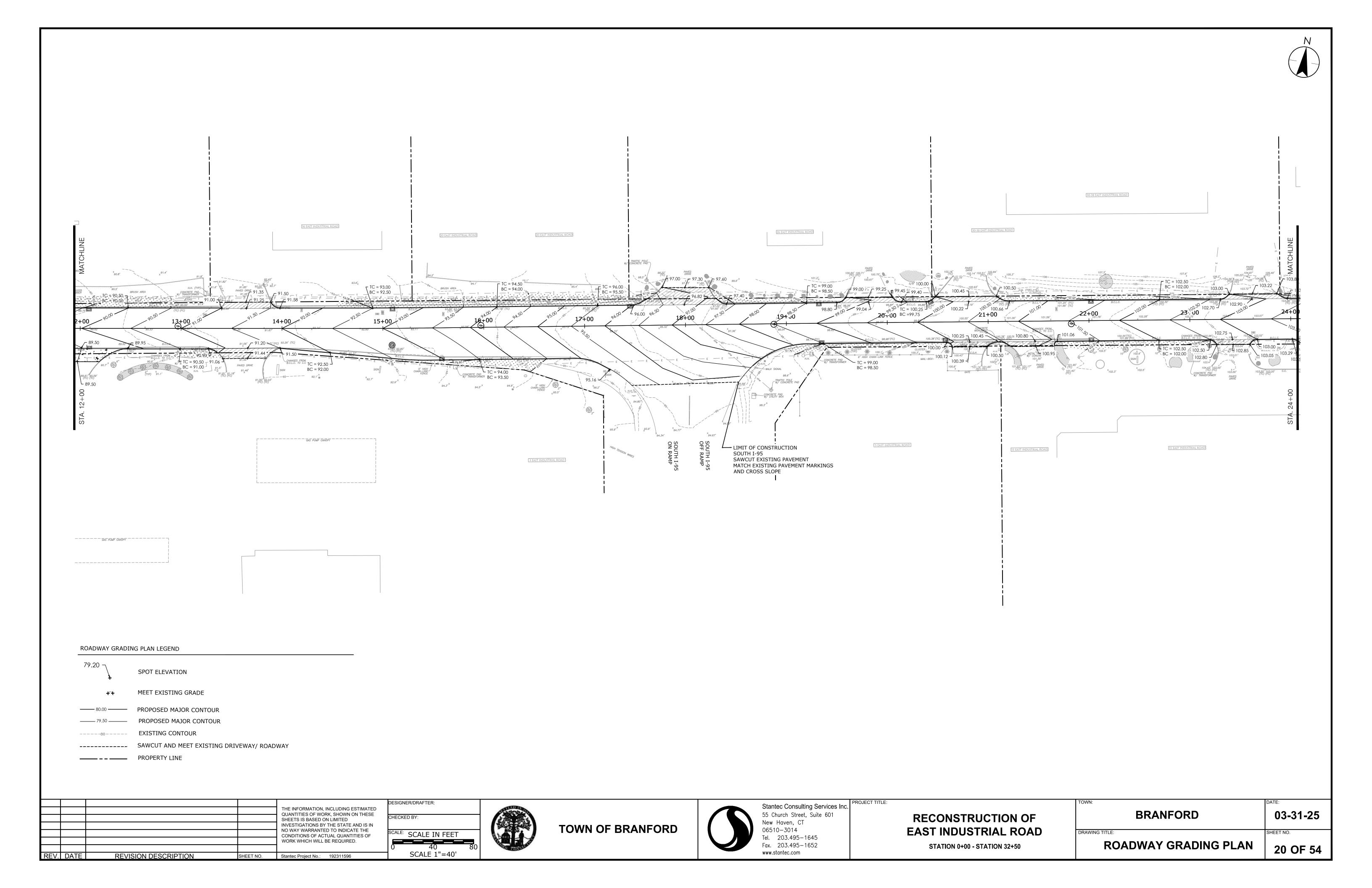
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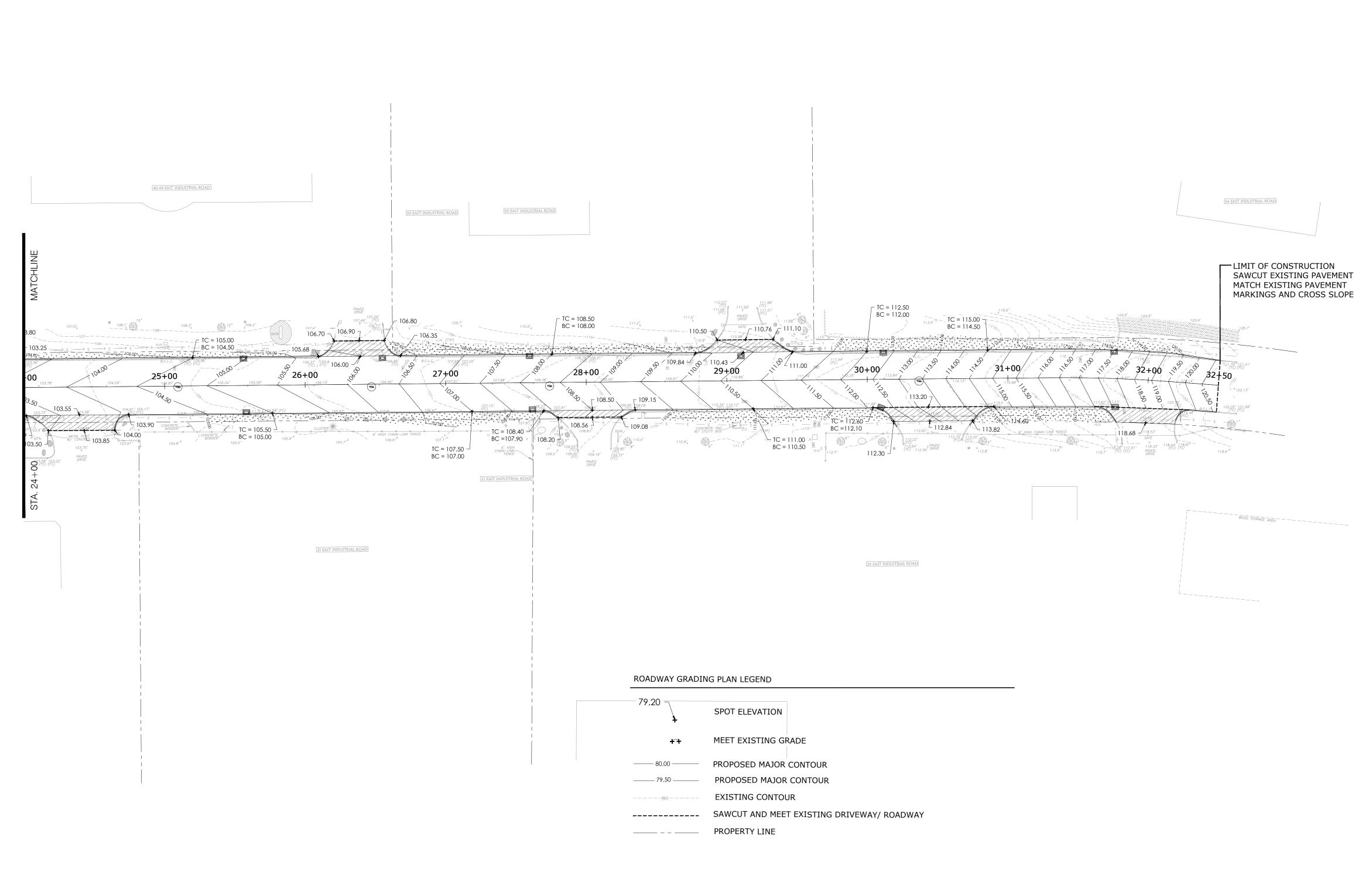
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DRAINAGE AND UTILITY PLAN 18 OF 54









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SCALE 1"=40'

TOWN OF BRANFORD



Stantec Consulting Services Inc.

55 Church Street, Suite 601
New Haven, CT
06510-3014
Tel. 203.495-1645
Fax. 203.495-1652
www.stantec.com

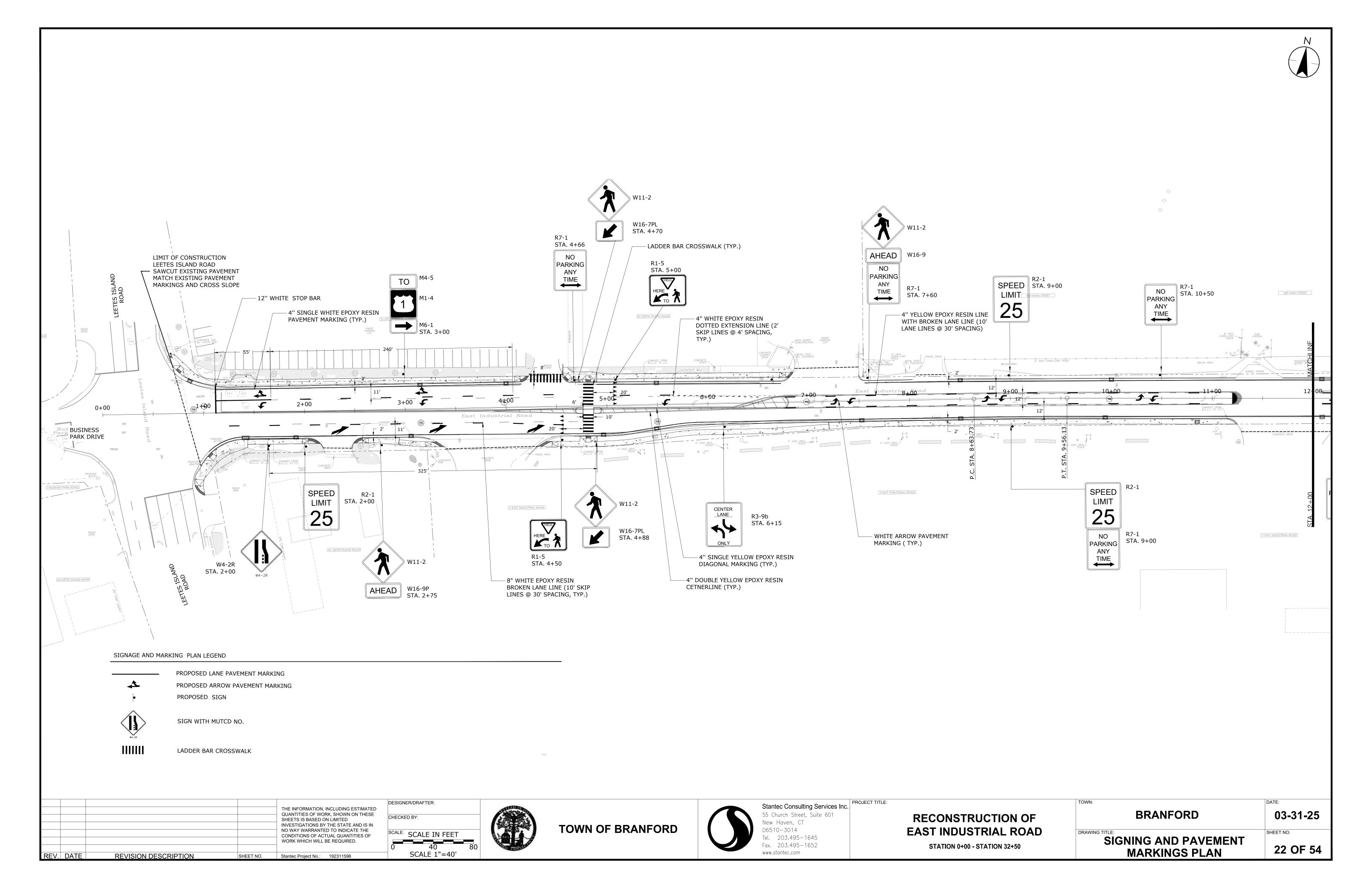
PROJECT TITLE:

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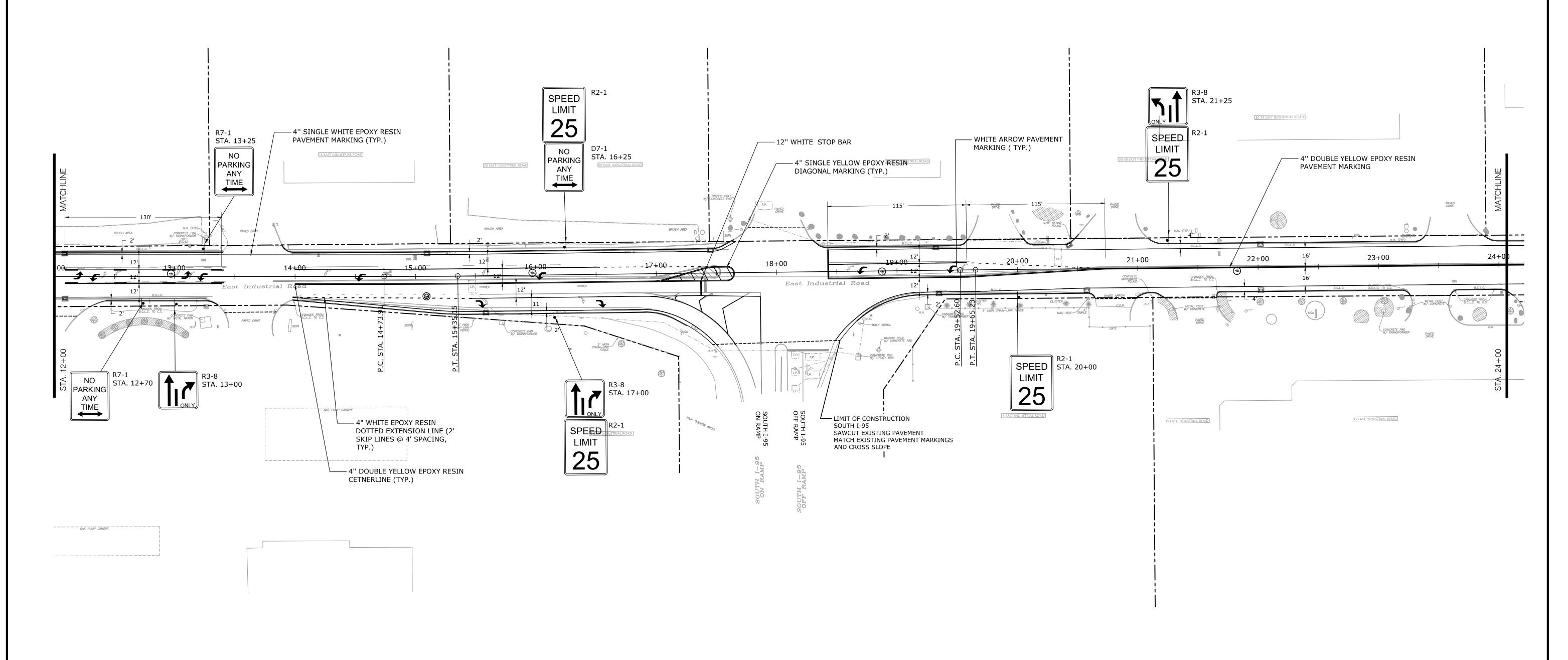
STATION 0+00

TRUCTION OF	
ISTRIAL ROAD	
00 - STATION 32+50	

TOWN: BRANFORD	DATE: 03-31-25
DRAWING TITLE:	SHEET NO.
ROADWAY GRADING PLAN	21 OF 54







SIGNAGE AND MARKING PLAN LEGEND

4

PROPOSED LANE PAVEMENT MARKING
PROPOSED ARROW PAVEMENT MARKING

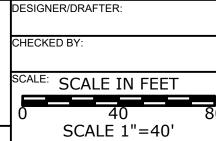
PROPOSED SIGN

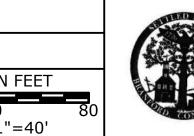


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				WORK WHICH WILL BE REQUIRED.	
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Stantec Project No.: 192311596	





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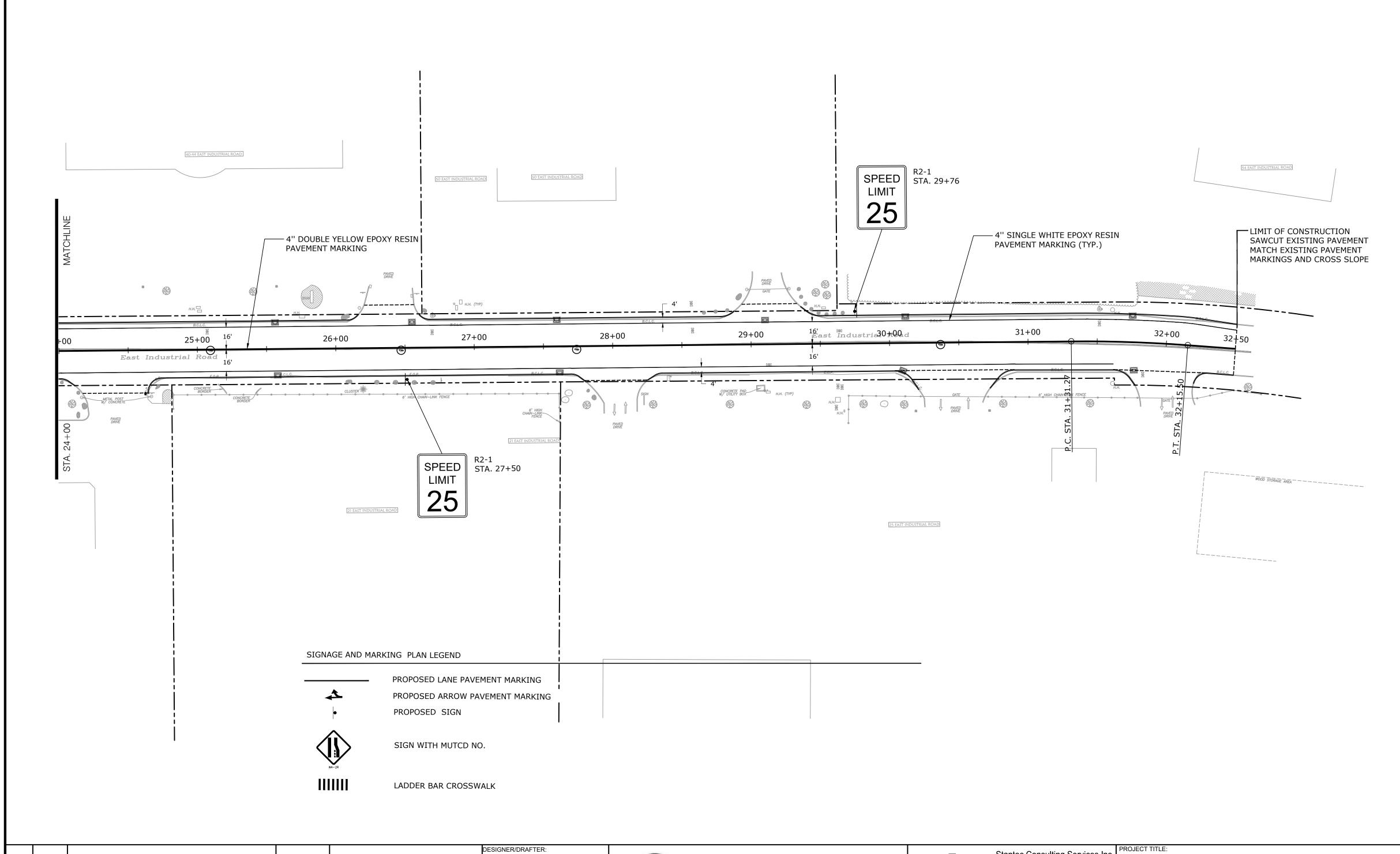


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New Haven, CT		Haven, CT	
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RECONSTRUCTION OF			
EAST INDUSTRIAL ROAD			
STATION 0+00 - STATION 32+50			

TOWN:	DATE:
BRANFORD	03-31-25
DRAWING TITLE:	SHEET NO.
SIGNING AND PAVEMENT MARKINGS PLAN	23 OF 54





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WORK WHICH WILL BE REQUIRED.	П
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Stanton Project No.: 102211506	1

REVISION DESCRIPTION

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SCALE: SCALE IN FEET

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SCALE 1"=40'



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Stant 55 Cl New 0651 Tel. Fax.
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RECONSTRU
EAST INDUSTI

CONSTRUCTION OF
INDUSTRIAL ROAD
TATION 0+00 - STATION 32+50

TOWN: BRANFORD	DATE: 03-31-25
SIGNING AND PAVEMENT MARKINGS PLAN	24 OF 54

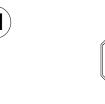
SIGN LEGEND:

E INDUSTRIAL ROAD DETOUR

E INDUSTRIAL ROAD

DETOUR

ROAD CLOSED E INDUSTRIAL RD LOCAL TRAFFIC ONLY SCHOOL GR. RD. TO PIN OAK DR. DETOUR



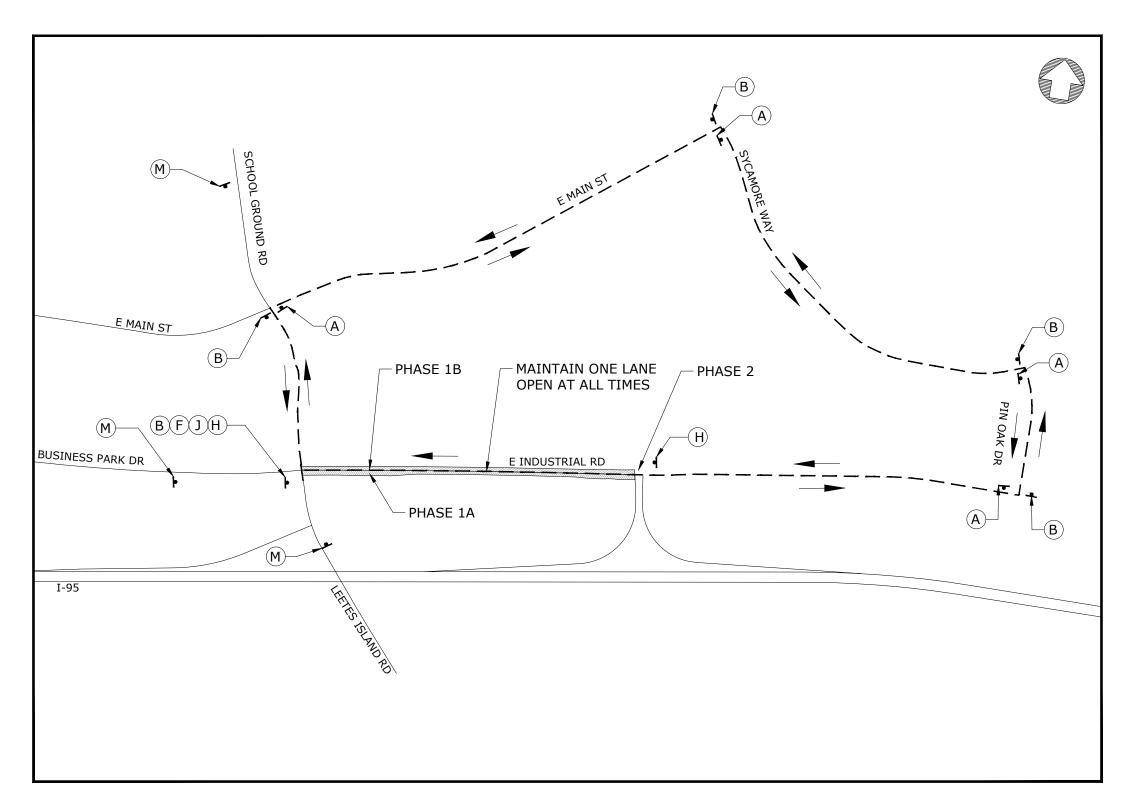




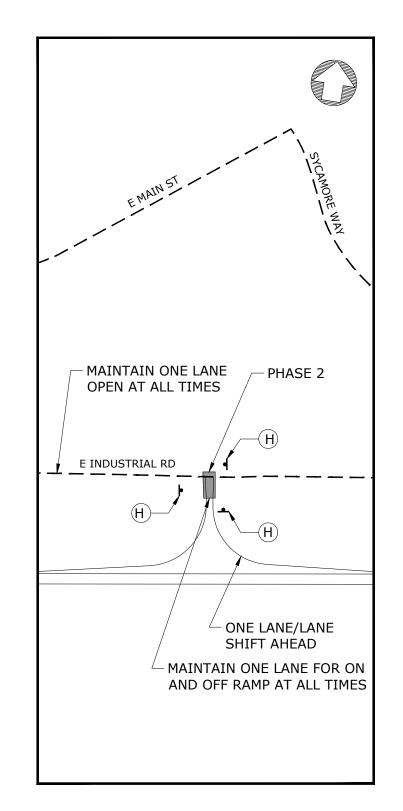


DETOUR NOTES:

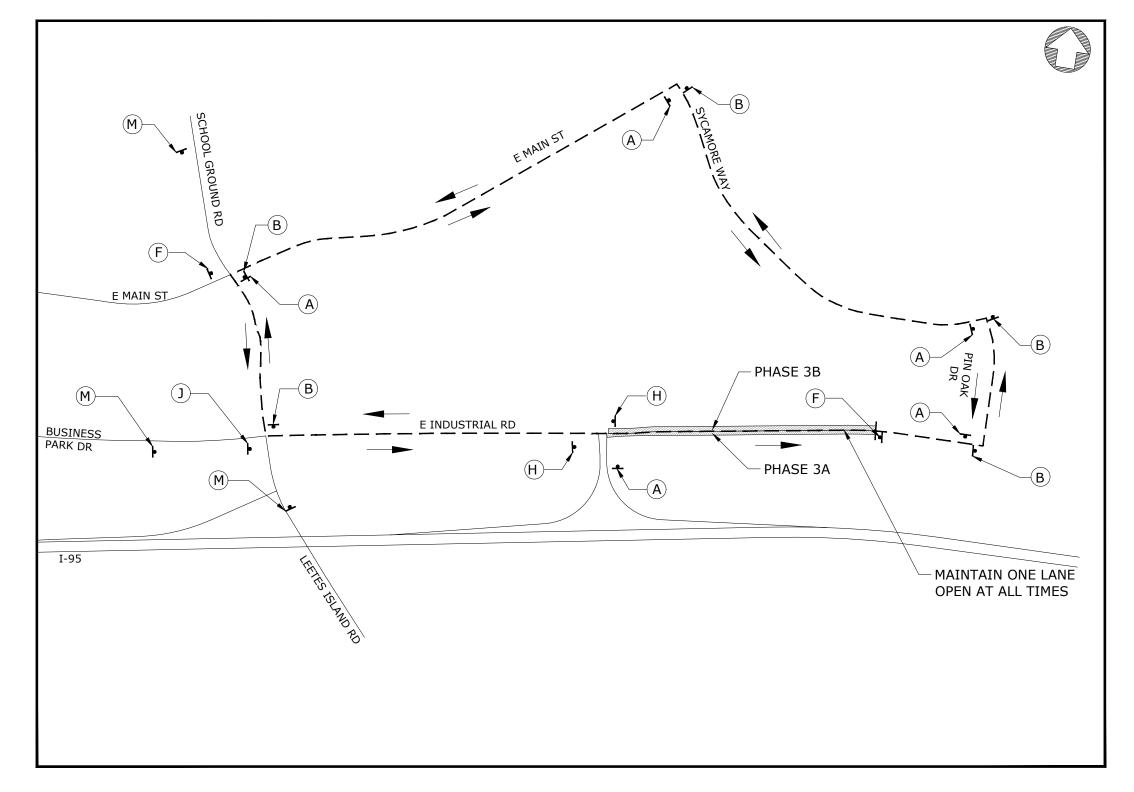
- 1. ALL SIGN LOCATIONS INDICATED ON THIS PLAN ARE APPROXIMATE. EXACT LOCATIONS OF SIGNS SHALL BE DETERMINED IN FIELD AS DIRECTED BY THE ENGINEER.
- 2. DETOUR SIGNS SHALL BE COVERED WHEN THE DETOUR IS NOT IN OPERATION.
- 3. DETOUR SIGNS SHALL BE REMOVED WHEN THE DETOUR IS NO LONGER REQUIRED.
- 4. ALL CONSTRUCTION SIGNS ARE TO BE INSTALLED SUCH THAT THEY DO NOT BLOCK, OR ARE NOT BLOCKED BY, EXISTING SIGNS, AND DO NOT INTERFERE WITH SIGHT LINES.
- 5. EXISTING SIGNS WHICH CONFLICT WITH THE DETOUR SIGNS SHALL BE COVERED WHILE THE DETOUR IS IN EFFECT, AS DIRECTED BY THE ENGINEER.
- 6. BARRICADE WARNING LIGHTS HIGH INTENSITY SHALL BE MOUNTED ON ALL DIAMOND SHAPED POST-MOUNTED CONSTRUCTION SIGNS AND SIGN (N).
- 7. CONTRACTOR TO NOTIFY THE ENGINEER AND THE CITY OF BRIDGEPORT EMERGENCY SERVICES AT LEAST TWO WEEKS PRIOR TO THE CLOSURE.
- 8. THE COST OF DETOUR SIGNS SHALL BE PAID FOR UNDER THE ITEM "CONSTRUCTION SIGNS".
- 9. RELOCATION OF TEMPORARY PRECAST CONCRETE BARRIER CURB FOR ACCESS TO WORK AREA SHALL NOT BE MEASURED FOR PAYMENT.
- 10. MAINTAIN ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION.



DETOUR PLAN PHASE-1

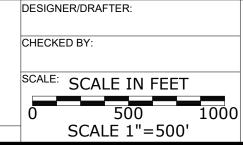


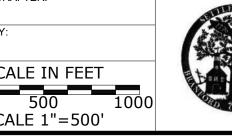
DETOUR PLAN PHASE-2



DETOUR PLAN PHASE-3

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RFV	DATE	REVISION DESCRIPTION	SHEET NO	Stantec Project No. 192311596





TOWN OF BRANFORD



Stantec Consulting Services Inc.

55 Church Street, Suite 601

RECONSTRUCTION OF EAST INDUSTRIAL ROAD

TOWN:		DATE:
	BRANFORD	02-19-25
DRAWING TITLE:		SHEET NO.
	DETOUR PLANS	01 OF 01