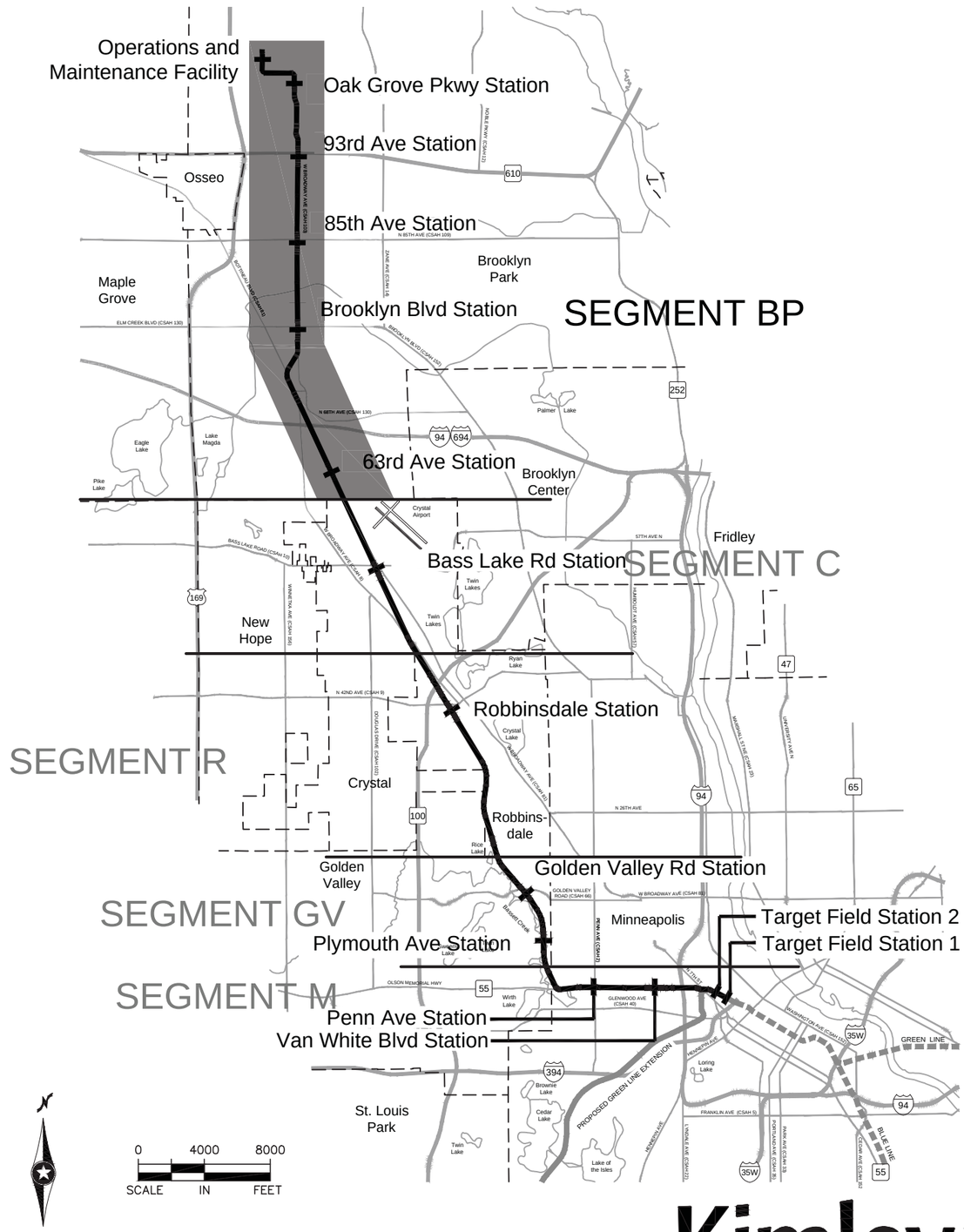

METRO BLUE LINE EXTENSION
Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP

EXISTING CONDITIONS/TRACK/CIVIL
MUNICIPAL CONSENT (12/15/2015)

MN STATE STATUTE 473.3994

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Kimley»Horn

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TOPOGRAPHIC SYMBOLS

- CATCH BASIN
- STORM MANHOLE
- FLARED END SECTION
- BOX CULVERT INVERT
- SANITARY MANHOLE
- SANITARY CLEANOUT
- WATER MANHOLE
- WATER GATE VALVE MANHOLE
- WATER VALVE
- WATER METER
- CORP STOP
- HYDRANT
- ELECTRIC METER
- ELECTRIC TRANSFORMER
- ELECTRIC PANEL
- ELECTRIC MANHOLE
- ELECTRIC BOX
- ELECTRIC VAULT
- GAS VALVE
- GAS METER
- TRAFFIC SIGNAL POLE
- LIGHT POLE
- HAND HOLE (STRUCTURE)
- CABLE TELEVISION
- COMMUNICATION STRUCTURE
- TELEPHONE STRUCTURE
- TELEPHONE MANHOLE
- FIBER OPTIC MANHOLE
- UTILITY POLE
- UTILITY POLE W/LIGHT
- GUY WIRE
- SHRUB
- TREE (DECIDUOUS)
- TREE (CONIFEROUS)
- CAMERA
- MONITOR WELL
- BOLLARD
- SIGN
- MAILBOX
- FLAG POLE
- UNIDENTIFIED STRUCTURE
- EXISTING DIRECTIONAL LANE USE
- EXISTING SIGNALIZED INTERSECTION
- SURVEY CONTROL STATION
- POWER TOWER
- GATE ARM
- RAIL SIGNAL FLASHER

EXISTING LINETYPES

- P-OH — OVERHEAD ELECTRIC
- P-UG — UNDERGROUND ELECTRIC
- T-OH — OVERHEAD TELEPHONE
- TEL — UNDERGROUND TELEPHONE
- COM-OH — OVERHEAD COMMUNICATION
- COM-UG — UNDERGROUND COMMUNICATION
- CABLE-OH — OVERHEAD CABLE TELEVISION
- CATV — UNDERGROUND CABLE TELEVISION
- FIB-OPT — UNDERGROUND FIBER OPTIC
- FUEL-UG — UNDERGROUND FUEL
- GAS-UG — UNDERGROUND GAS
- GAS(AB.) — ABANDONED UTILITY
- WATER
- SANITARY SEWER
- SANITARY FORCE MAIN
- STORM SEWER
- LARGE CULVERT
- EDGE OF PAVEMENT
- CURB AND GUTTER
- FENCE
- GUARDRAIL
- WALK
- BUILDING
- RETAINING WALL
- BRIDGE
- RIGHT-OF-WAY
- PROPERTY LINE
- FREIGHT RAIL
- CENTERLINE OF TRAIL
- VEGETATION
- WATER BODY

TRACK/CIVIL LINETYPES

- ROADWAY ℄
- TRACK ℄
- CONCRETE CURB AND GUTTER
- BIKE LANE
- SIDEWALK/TRAIL
- DRIVEWAY
- BRIDGE
- SAWCUT
- BALLAST CURB
- RETAINING WALL
- CROSSWALK
- MEDIAN NOSE

CIVIL SYMBOLS

- ACCESSIBLE PEDESTRIAN CURB RAMP (DESIGN VARIES)
- PROPOSED SIGNALIZED INTERSECTION
- PROPOSED DIRECTIONAL LANE USE
- HANDICAP PARKING STALL
- BIKE LANE
- TACTILE WARNING STRIP

TRACK SYMBOLS

- AUTOMATIC GATE
- RAIL TURNOUT
- RAIL CROSSOVER (DOUBLE)
- RAIL CROSSOVER (SINGLE)
- POINT OF SWITCH (PS)
- 2-20 — RAILROAD CURVE NUMBER

SURVEY NOTES

1. THE HORIZONTAL DATUM OF THIS MAP IS BASED ON THE HENNEPIN COUNTY COORDINATE SYSTEM WHICH IS RELATED TO THE MINNESOTA STATE PLANE COORDINATE SYSTEM NAD83 (2007 ADJUSTMENT) SOUTH ZONE.
2. THE VERTICAL DATUM OF THIS MAP IS NAVD 88.
3. THE PLANIMETRIC FEATURES SHOWN ON THIS MAP ARE AS PREPARED BY AERO-METRIC, INC. FROM AERIAL DATA AND IMAGERY COLLECTED IN SPRING 2008 AND OCTOBER 2010, AS SUPPLEMENTED BY FIELD SURVEYS COMPLETED BY SAMBATEK AND RANI ENGINEERING.

ABBREVIATIONS

AD	ALGEBRAIC DIFFERENCE	OCS	OVERHEAD CONTACT SYSTEM
AVE	AVENUE	OH	OVERHEAD
BGN	BEGIN	OMH	OLSON MEMORIAL HIGHWAY
BIT	BITUMINOUS	PC	POINT OF CURVE
BVCE	BEGININNING VERTICAL CURVE ELEVATION	PGL	PROFILE GRADE LINE
BVCS	BEGINNING VERTICAL CURVE STATION	PITO	POINT OF INTERSECTION TURNOUT
BLVD	BOULEVARD	PKWY	PARKWAY
BNSF	BNSF RAILWAY	POT	POINT ON TANGENT
BRT	BUS RAPID TRANSIT	PROP	PROPOSED
C&G	CURB AND GUTTER	PS	POINT OF SWITCH
℄	CENTERLINE	PT	POINT OF TANGENT
CONC	CONCRETE	PVI	POINT OF VERTICAL INTERSECTION
CP	CANADIAN PACIFIC	R	RADIUS (FEET)
CR	COUNTY ROAD	r	RATE OF CHANGE VERTICAL CURVE
CS	CURVE TO SPIRAL	RD	ROAD
CSAH	COUNTY STATE AID HIGHWAY	RH	RIGHT HAND
CT	COURT	ROW	RIGHT OF WAY
DF	DIRECT FIXATION	S	SOUTH
DR	DRIVE	SB	SOUTHBOUND
Ea	ACTUAL SUPERELEVATION (INCHES)	SC	SPIRAL TO CURVE
EB	EAST BOUND	SIG-COMM	SIGNAL COMMUNICATION
ELEV	ELEVATION	S/P	STOCKPILE
Eu	UNBALANCED SUPERELEVATION (INCHES)	SPI	SPIRAL POINT OF INTERSECTION
EVCE	ENDING VERTICAL CURVE ELEVATION	ST	STREET
EVCS	ENDING VERTICAL CURVE STATION	ST	SPIRAL TO TANGENT
EX	EXISTING	STA	STATION
HCRRA	HENNEPIN COUNTY REGIONAL RAILROAD AUTHORITY	SWLRT	SOUTHWEST LRT
HWL	HIGH WATER LINE	TERR	TERRACE
LH	LEFT HAND	TH	TRUNK HIGHWAY
LN	LANE	TOR	TOP OF RAIL
Ls	SPIRAL LENGTH (FEET)	TPSS	TRACTION POWER SUBSTATION
MIN	MINIMUM	TRK	TRACK
MPLS	CITY OF MINNEAPOLIS	TS	TANGENT TO SPIRAL
MPRB	MINNEAPOLIS PARK AND RECREATION BOARD	TWRP	THEODORE WIRTH REGIONAL PARK
N	NORTH	TYP	TYPICAL
NB	NORTHBOUND	UG	UNDERGROUND
NHCC	NORTH HENNEPIN COMMUNITY COLLEGE	Vd	DESIGN VELOCITY (MPH)
NO	NUMBER	WB	WEST BOUND
NWL	NORMAL WATER LINE	100-YR	WATER ELEVATION DURING 100-YEAR EVENT

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METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP

GENERAL

LEGEND AND ABBREVIATIONS

DISCIPLINE: GENERAL

SHEET NAME: BP-GEN-NTS-001

SHEET 2 OF 266

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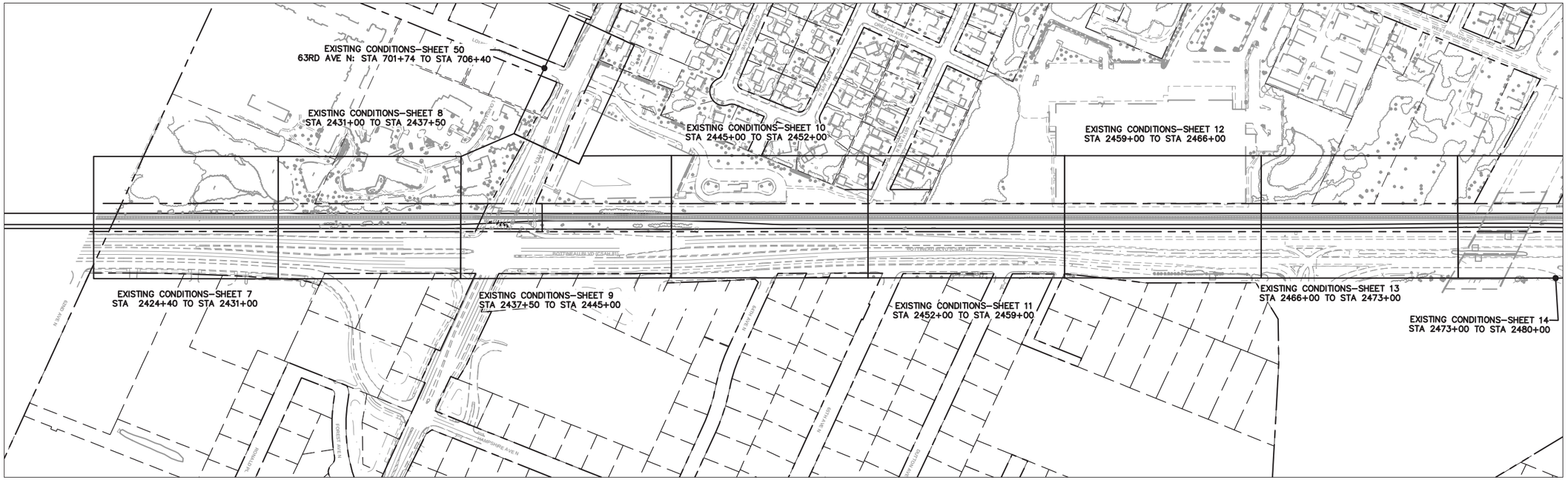

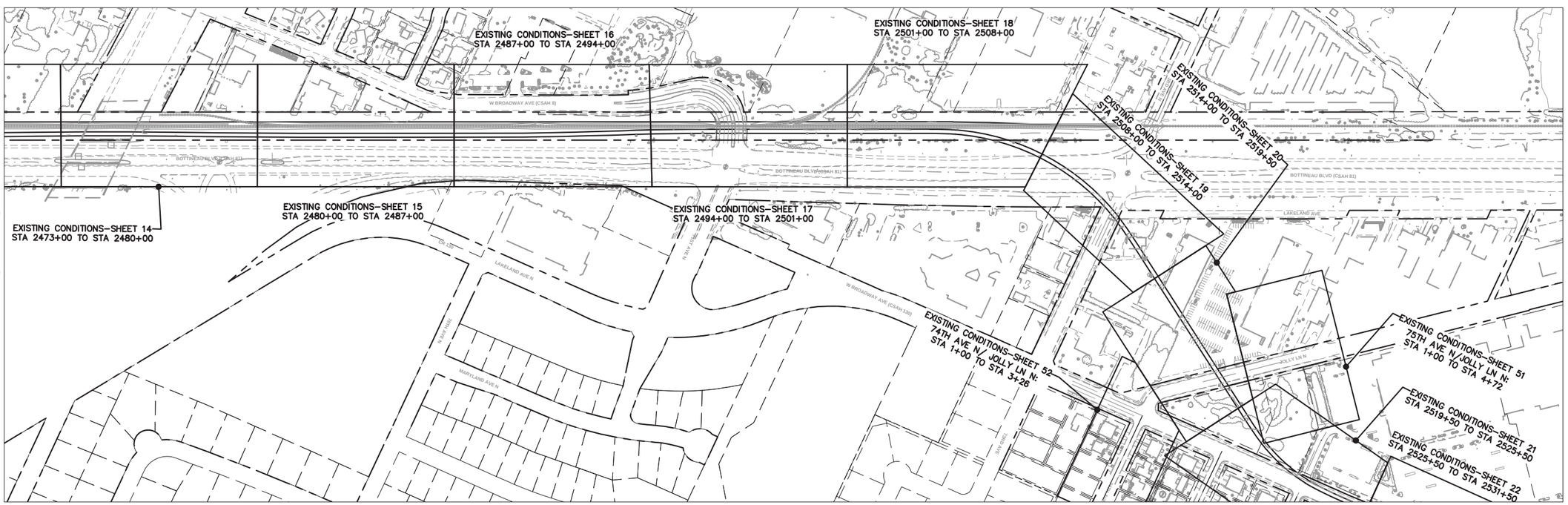

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METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
EXISTING CONDITIONS
SHEET LAYOUT INDEX

DISCIPLINE: GENERAL

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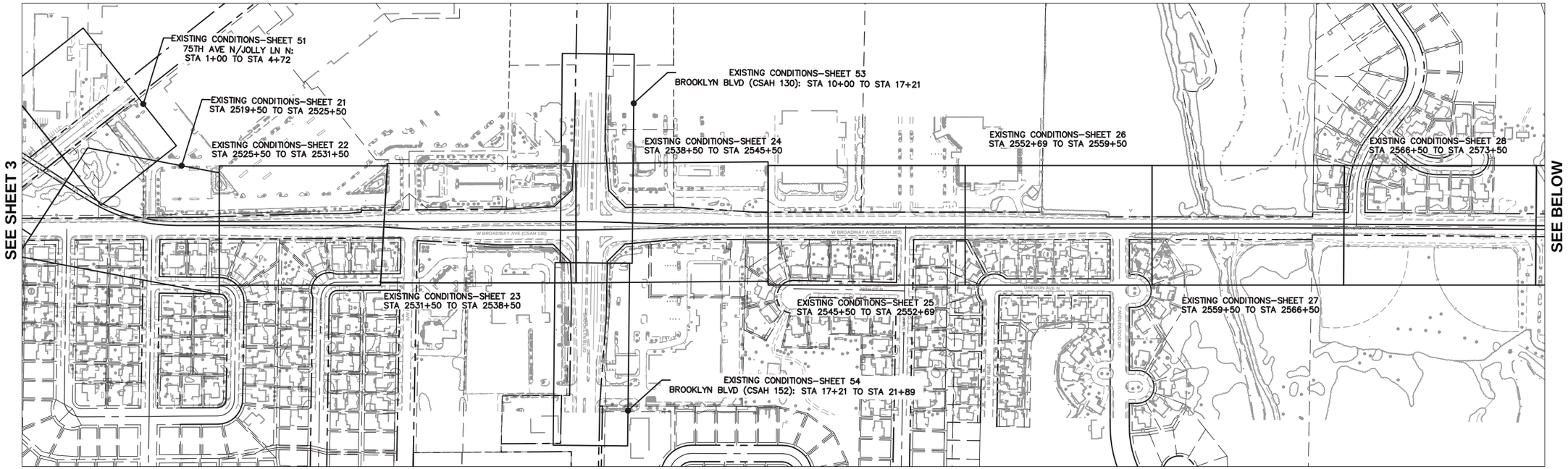

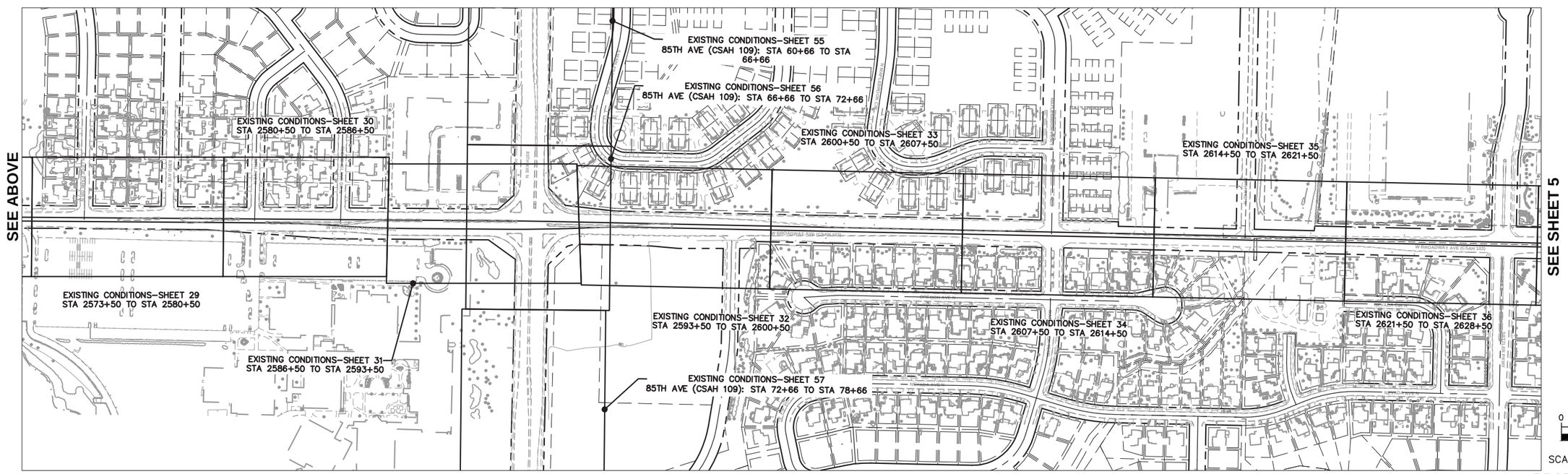

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METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
EXISTING CONDITIONS
SHEET LAYOUT INDEX

DISCIPLINE: GENERAL

SHEET NAME: BP-EXCON-IDX-002

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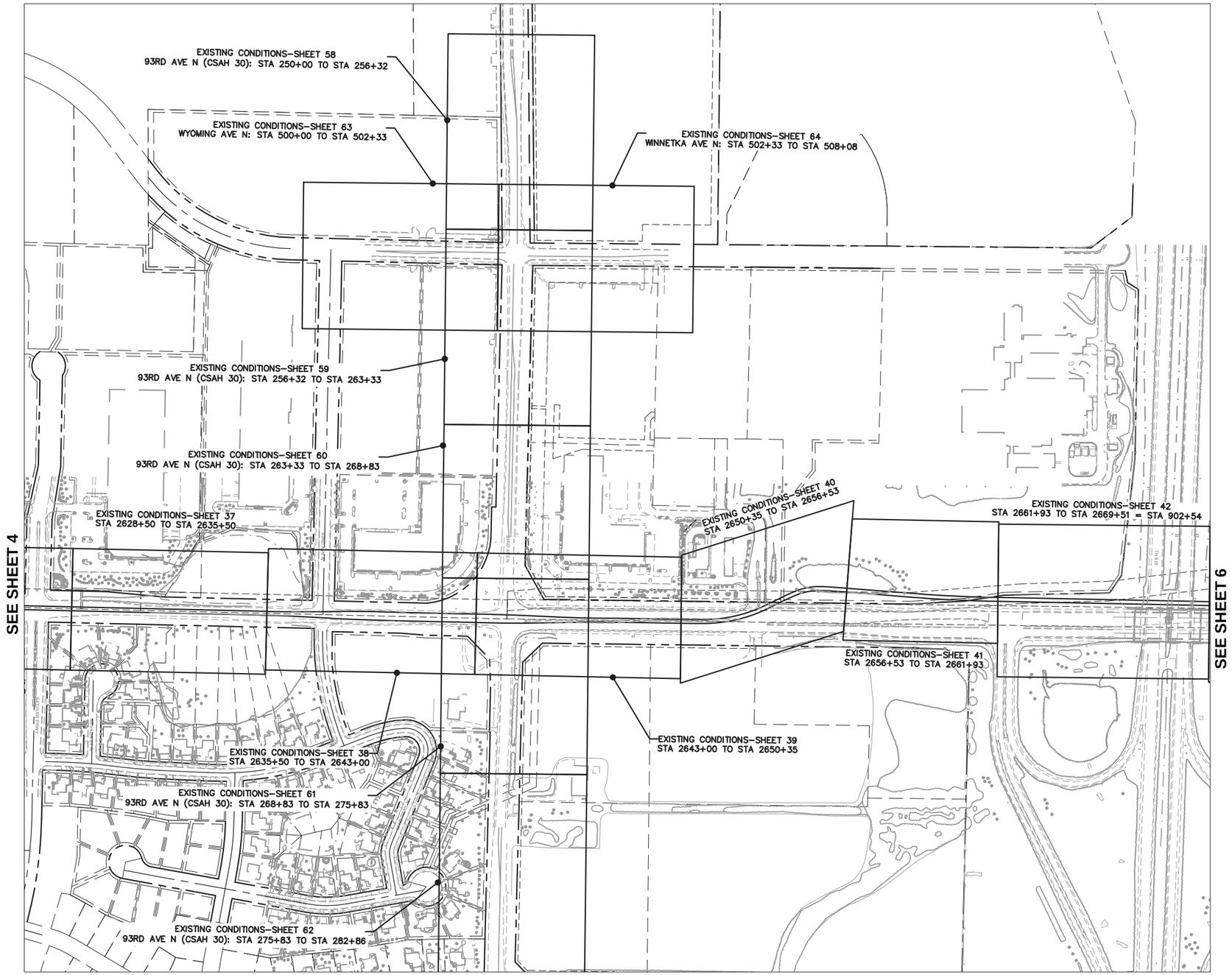

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HORIZONTAL
SCALE IN FEET

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METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
EXISTING CONDITIONS
SHEET LAYOUT INDEX

DISCIPLINE: GENERAL

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SEE BELOW

SEE SHEET 5

EXISTING CONDITIONS–SHEET 75
FUTURE ROAD: STA 1+00 TO STA 8+72

EXISTING CONDITIONS–SHEET 73
MAIN ST: STA 41+00 TO STA 46+31

EXISTING CONDITIONS–SHEET 68
OAK GROVE PKWY: STA 25+05 TO STA 32+05

EXISTING CONDITIONS–SHEET 69
OAK GROVE PKWY: STA 32+05 TO STA 39+14

EXISTING CONDITIONS–SHEET 48
STA 936+79 TO STA 942+20

EXISTING CONDITIONS–SHEET 49
STA 942+20 TO STA 947+09

EXISTING CONDITIONS–SHEET 47
STA 929+73 TO STA 936+79

EXISTING CONDITIONS–SHEET 43
STA 902+54 TO STA 909+54

EXISTING CONDITIONS–SHEET 44
STA 909+54 TO STA 916+54

EXISTING CONDITIONS–SHEET 74
MAIN ST: STA 46+31 TO STA 53+00

EXISTING CONDITIONS–SHEET 45
STA 916+54 TO STA 923+54

EXISTING CONDITIONS–SHEET 46
STA 923+54 TO STA 929+73

EXISTING CONDITIONS–SHEET 70
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EXISTING CONDITIONS–SHEET 71
OAK GROVE PKWY: STA 46+27 TO STA 52+19

EXISTING CONDITIONS–SHEET 72
OAK GROVE PKWY: STA 52+19 TO STA 59+00

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HORIZONTAL
SCALE IN FEET

EXISTING CONDITIONS–SHEET 65
OAK GROVE PKWY: STA 9+03 TO STA 14+10

EXISTING CONDITIONS–SHEET 66
OAK GROVE PKWY: STA 14+10 TO STA 20+57

EXISTING CONDITIONS–SHEET 77
XYLON AVE N: STA 8+17 TO STA 15+00

EXISTING CONDITIONS–SHEET 67
OAK GROVE PKWY: STA 20+57 TO STA 25+05

EXISTING CONDITIONS–SHEET 76
XYLON AVE N: STA 1+00 TO STA 8+17

SEE ABOVE

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METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
EXISTING CONDITIONS
SHEET LAYOUT INDEX

DISCIPLINE: GENERAL

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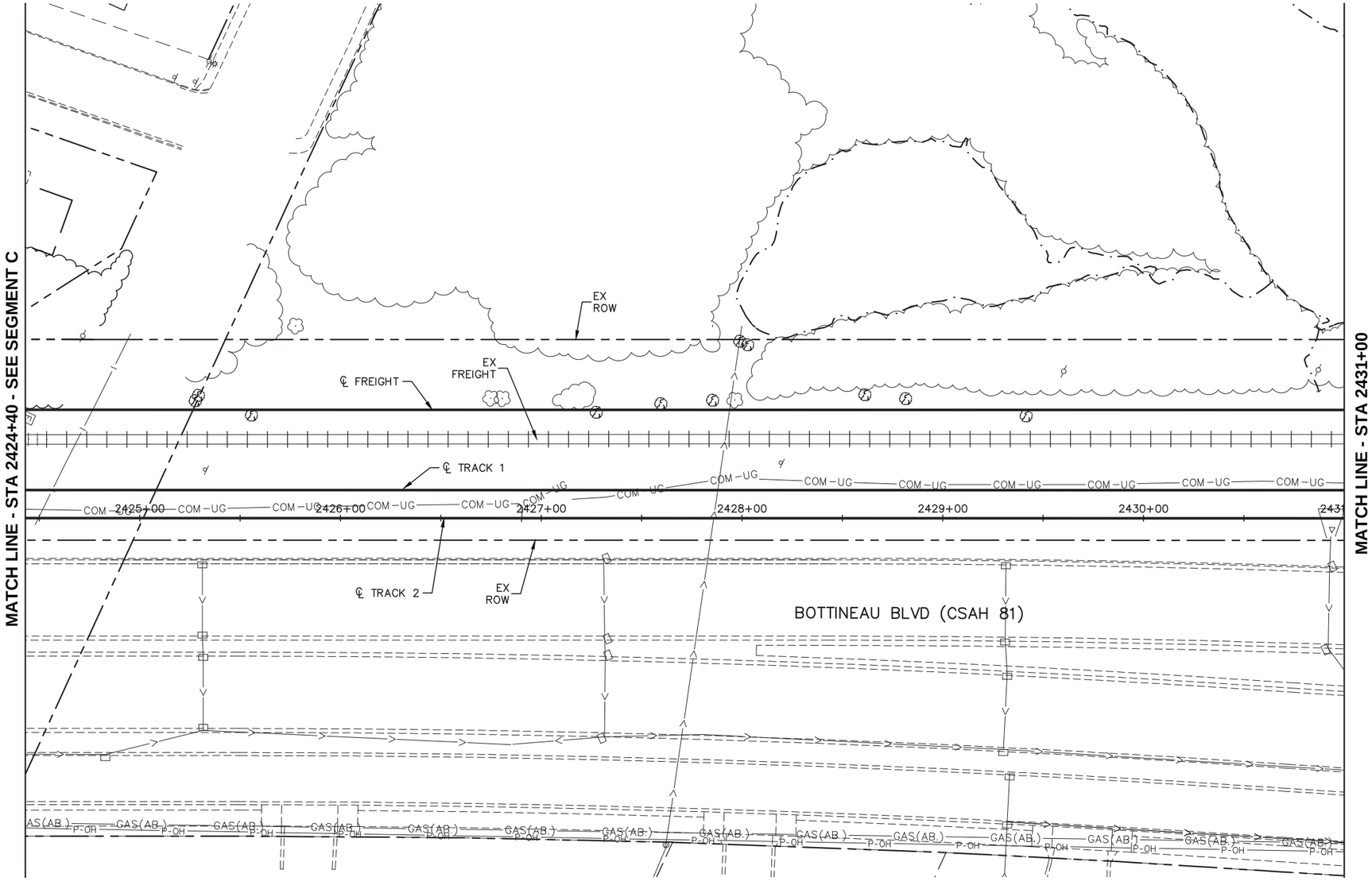

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HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2424+40 TO STA 2431+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-001

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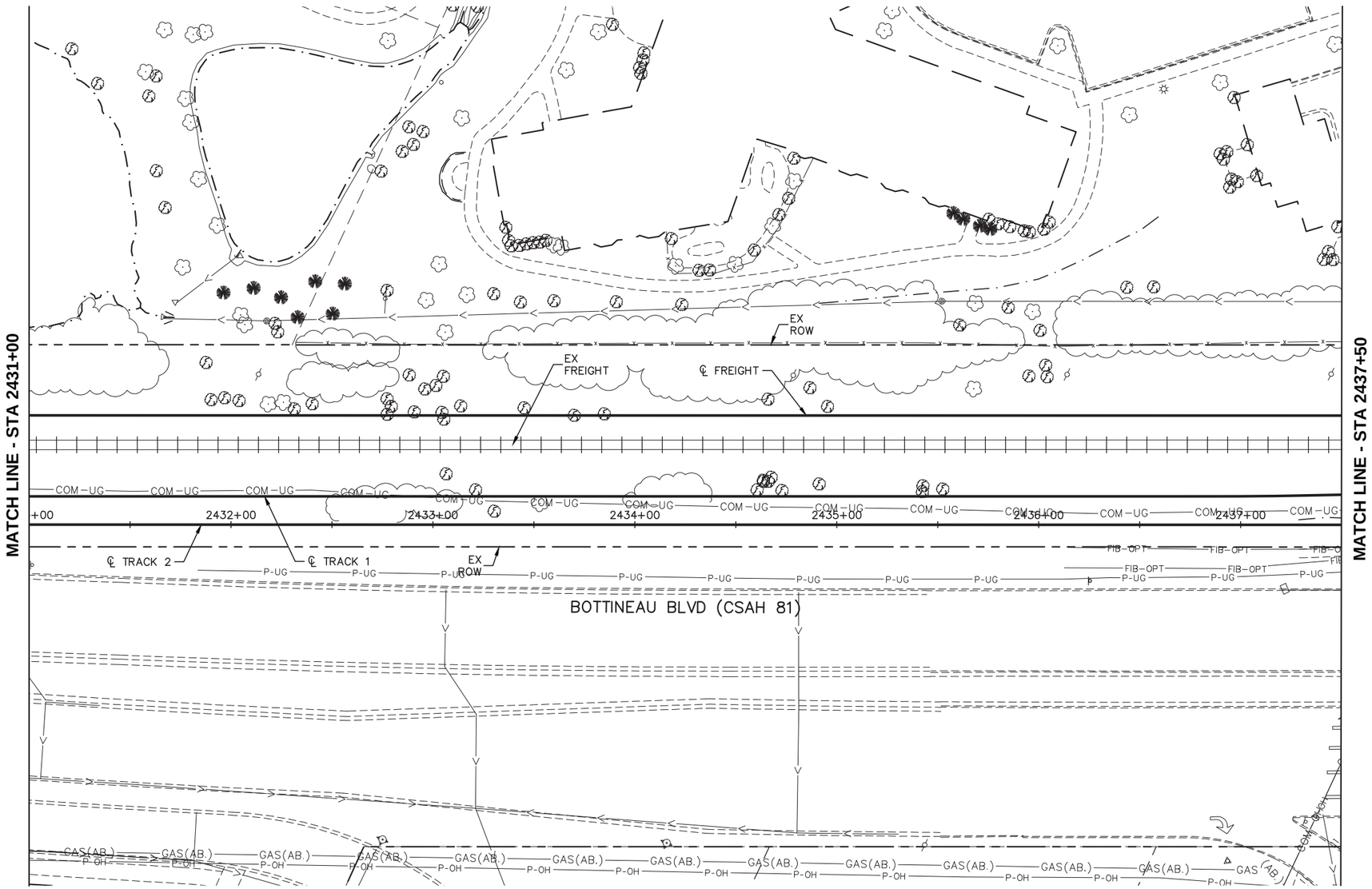

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SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2431+00 TO STA 2437+50

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-002

SHEET 8 OF 266

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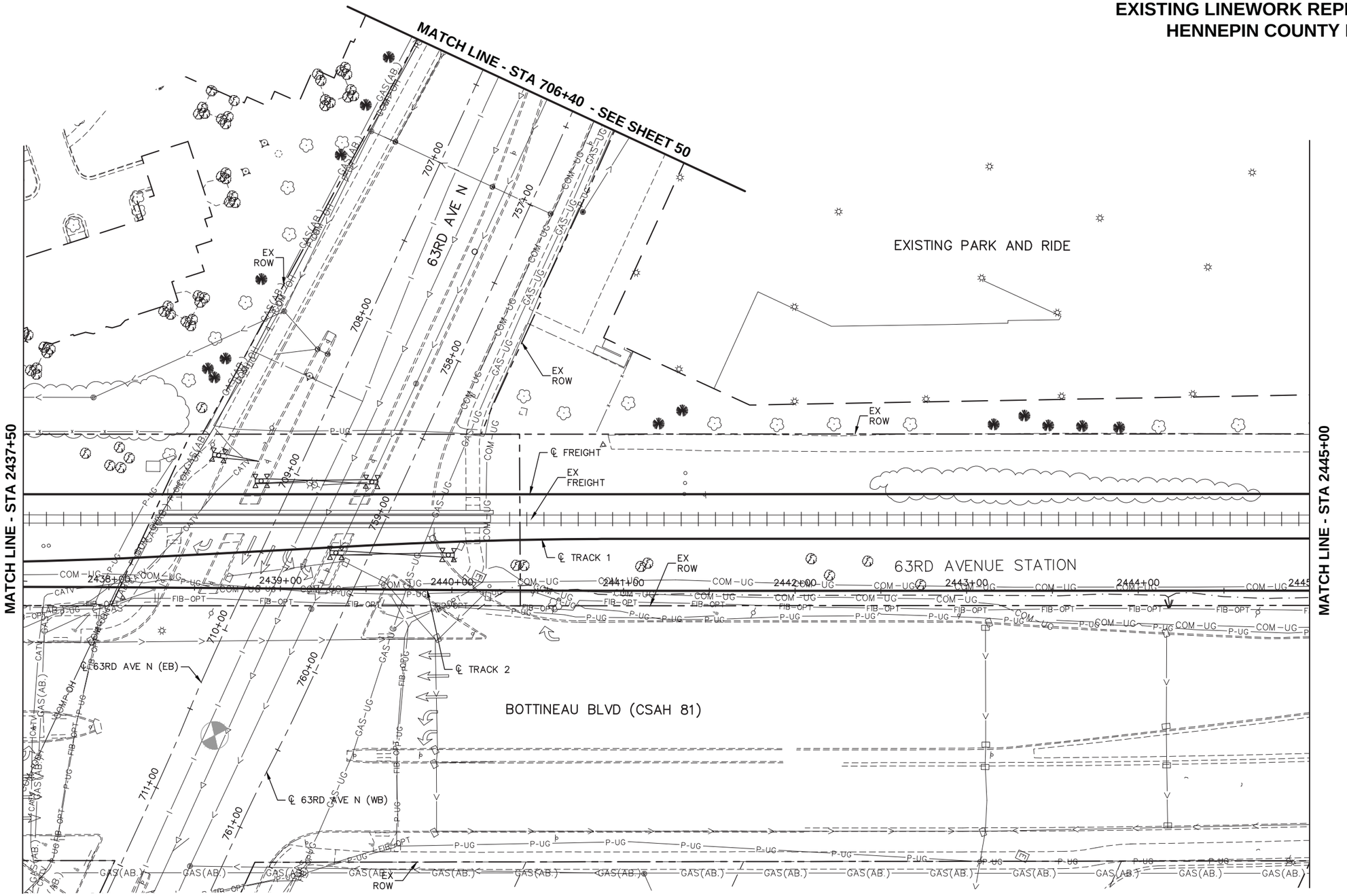

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METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2437+50 TO STA 2445+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-003

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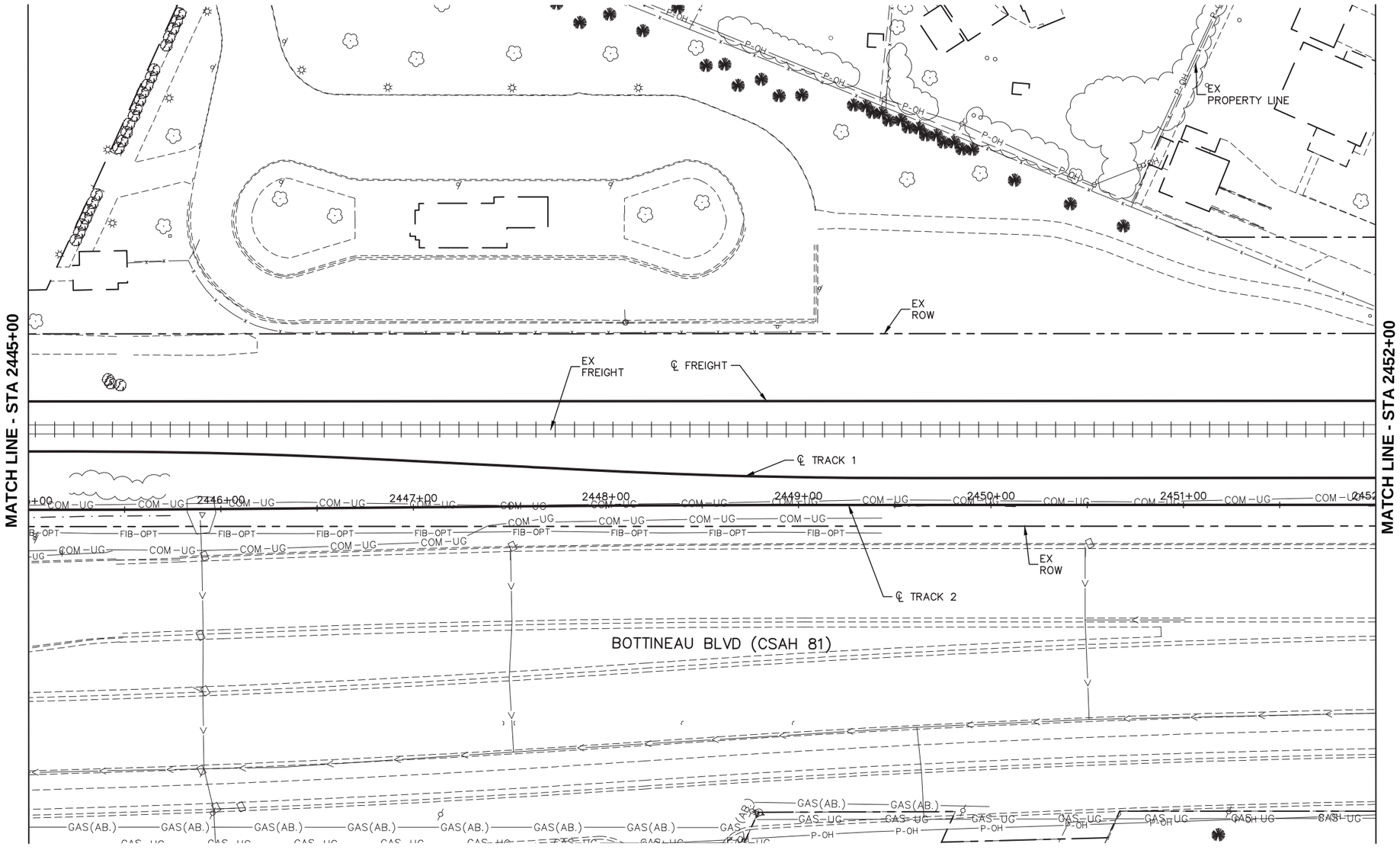

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METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2445+00 TO STA 2452+00

DISCIPLINE: SURVEY

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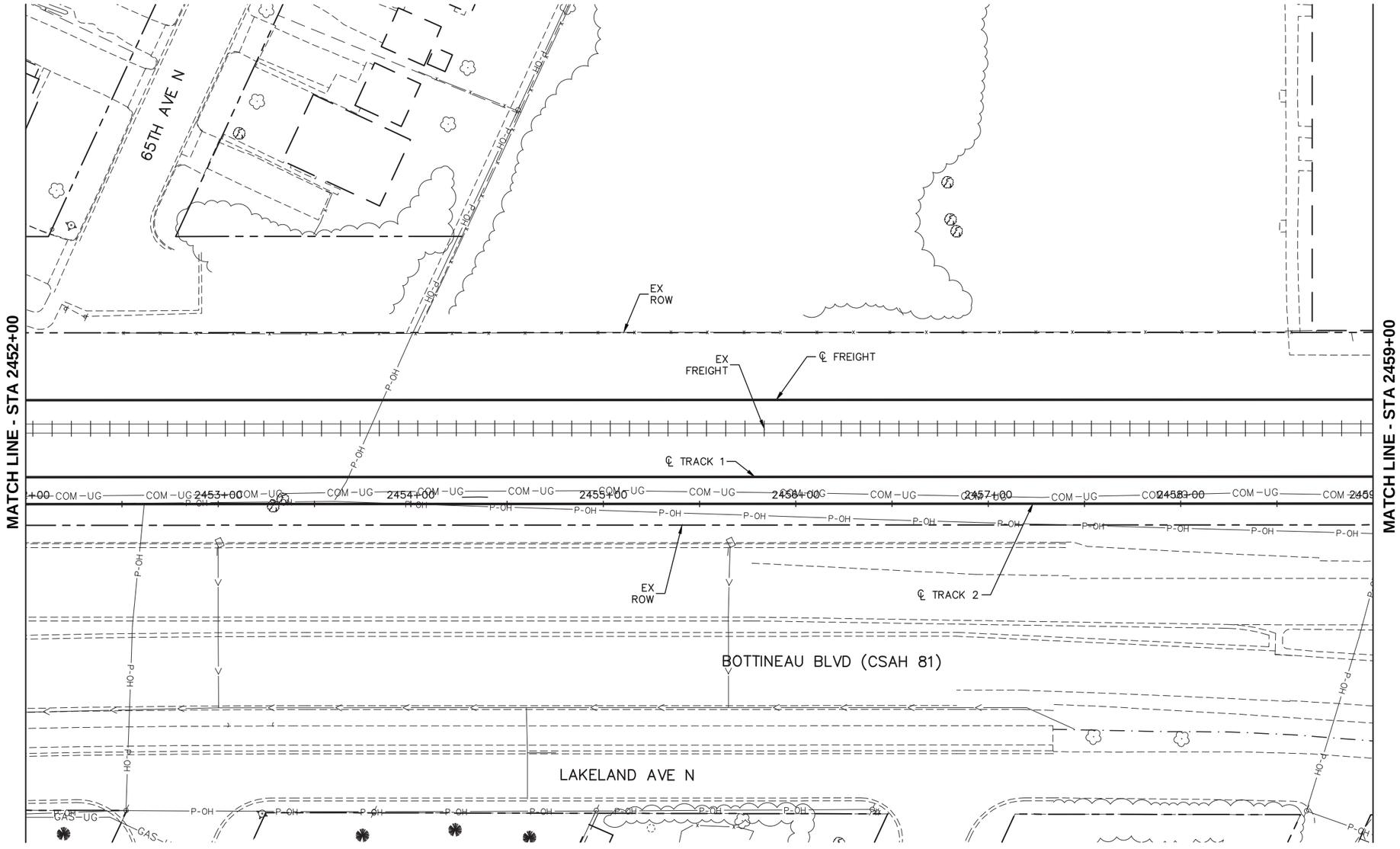

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DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2452+00 TO STA 2459+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-005

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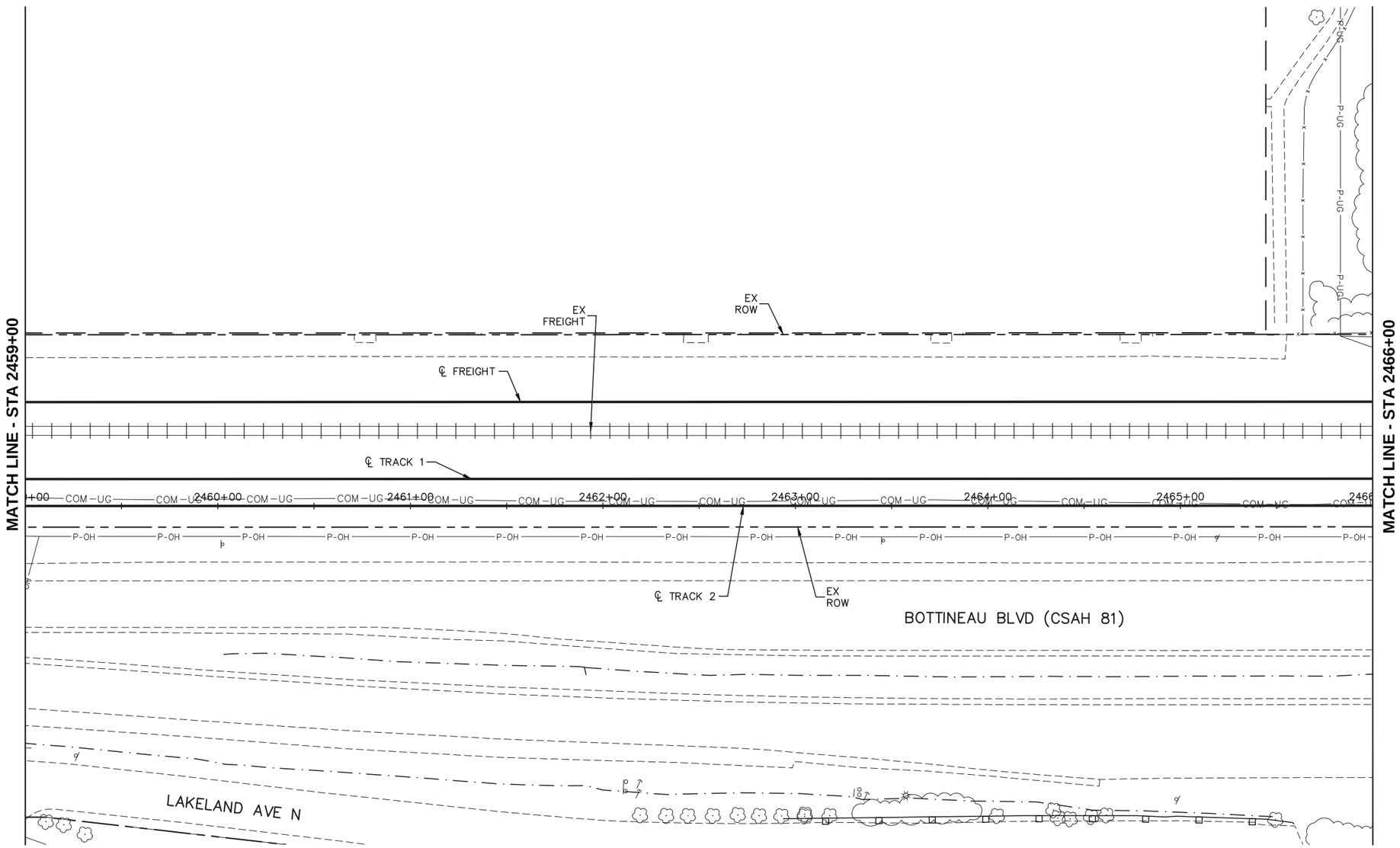

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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2459+00 TO STA 2466+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-006

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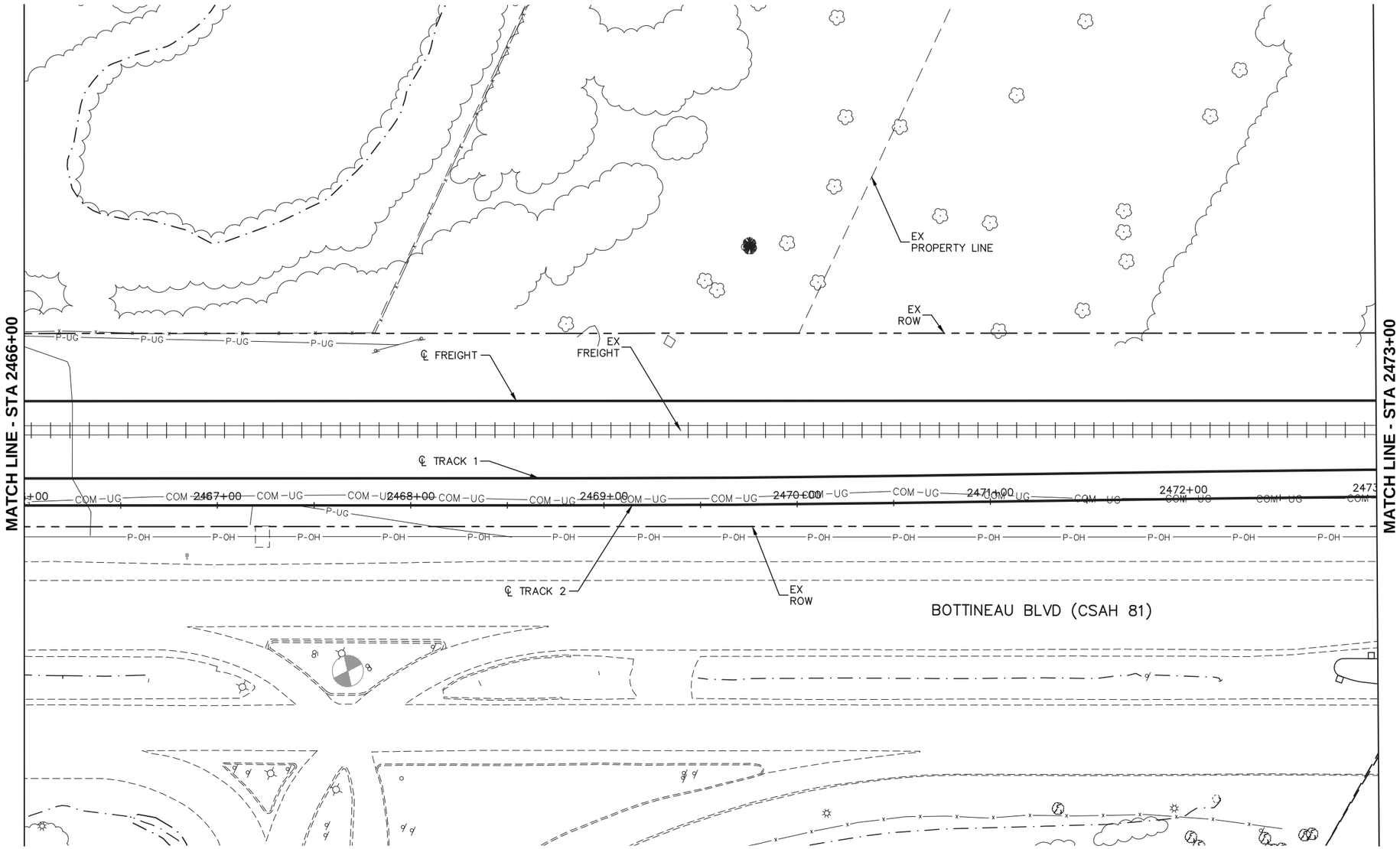

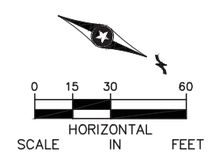

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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2466+00 TO STA 2473+00

DISCIPLINE: **SURVEY**

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SHEET **13** OF **266**

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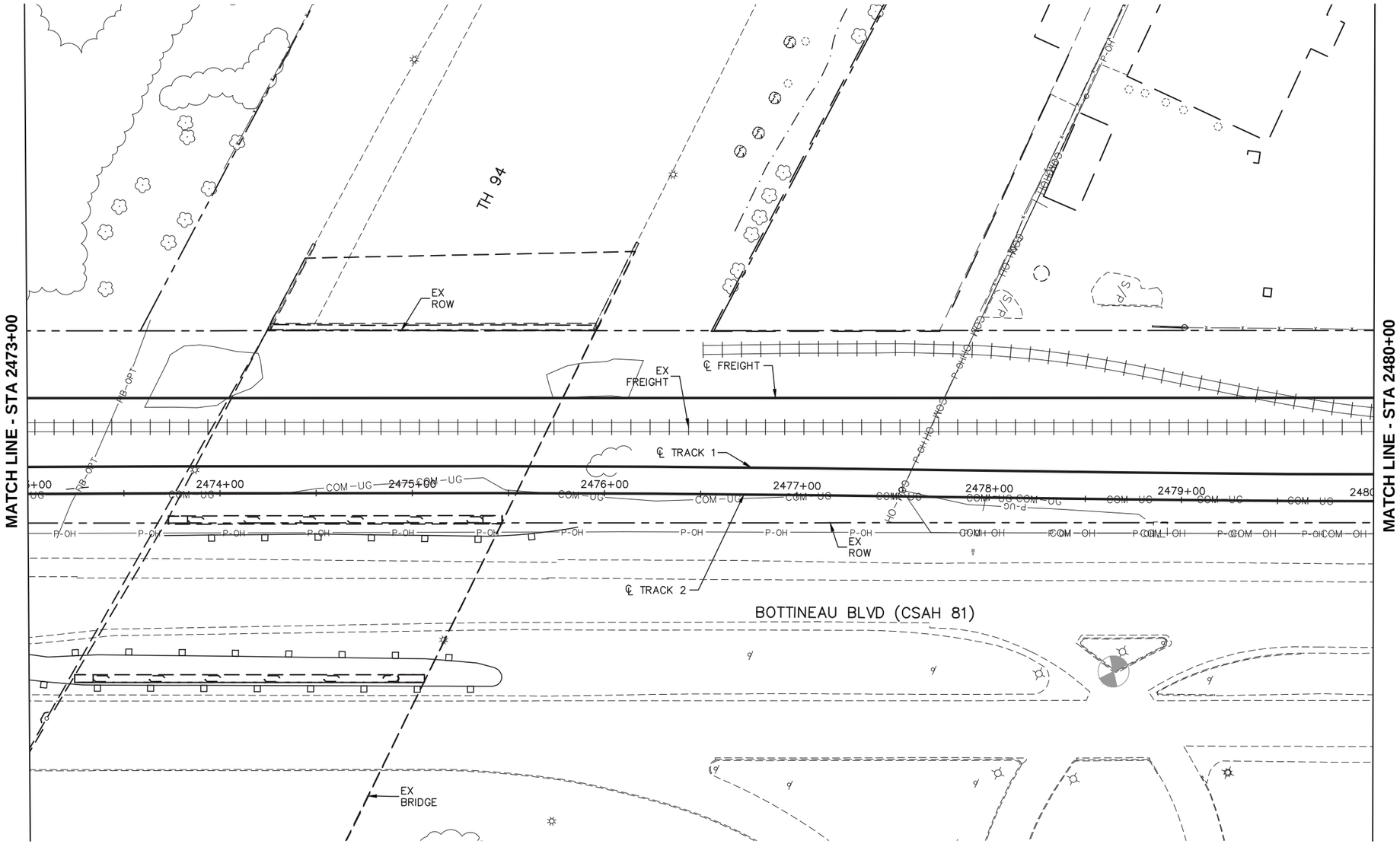

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HORIZONTAL SCALE IN FEET

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2473+00 TO STA 2480+00

DISCIPLINE: SURVEY

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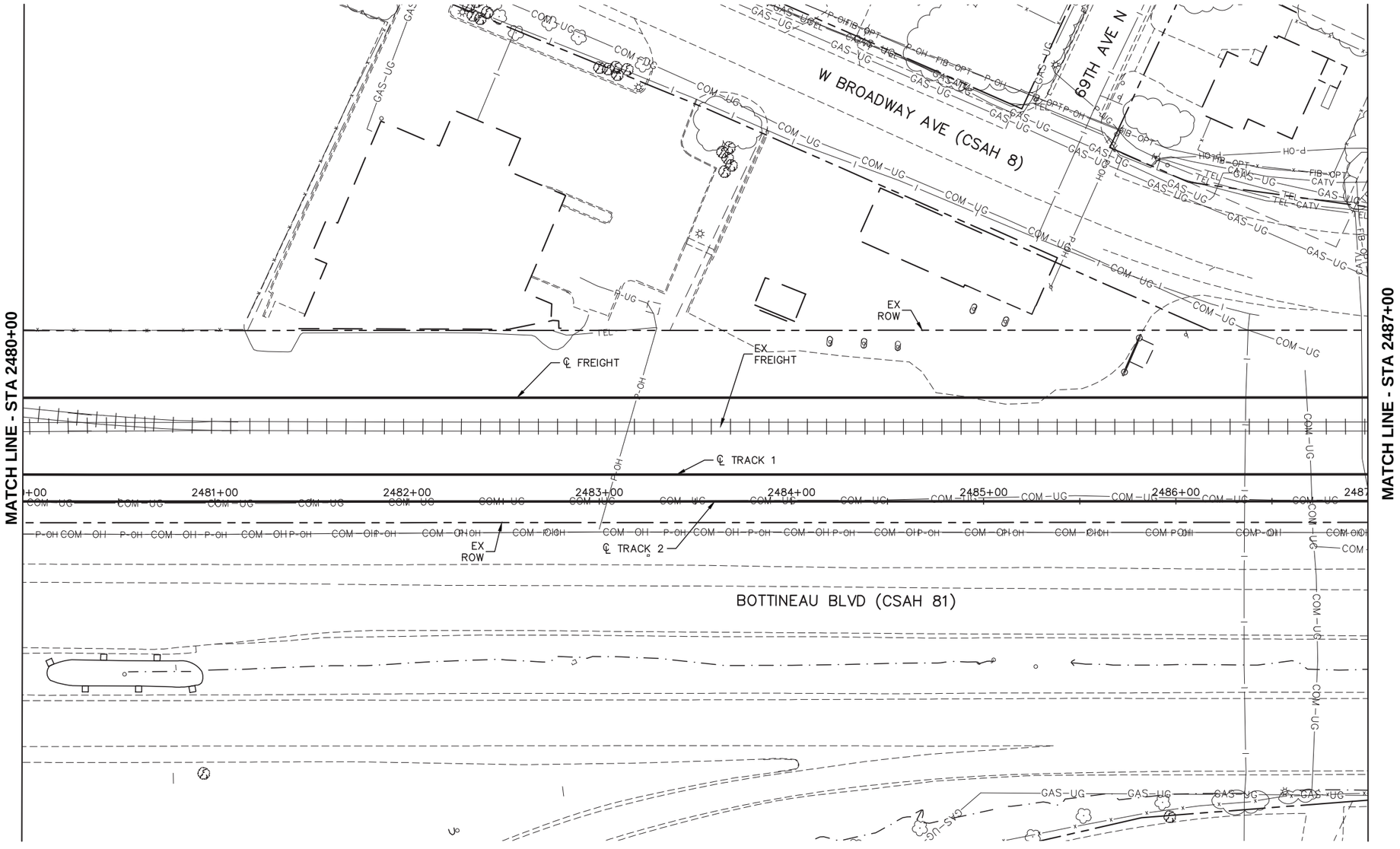

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HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2480+00 TO STA 2487+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-009

SHEET 15 OF 266

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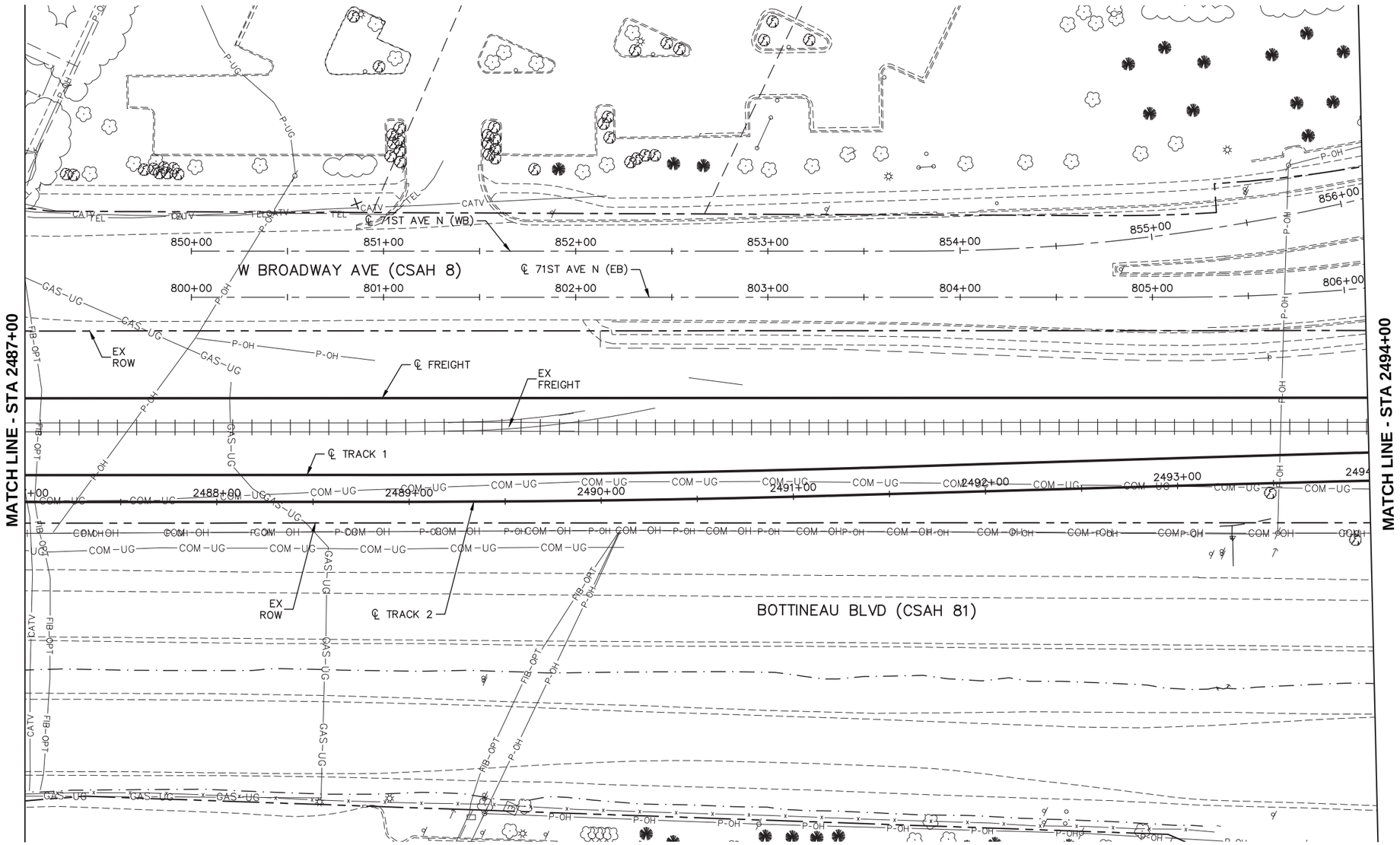

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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

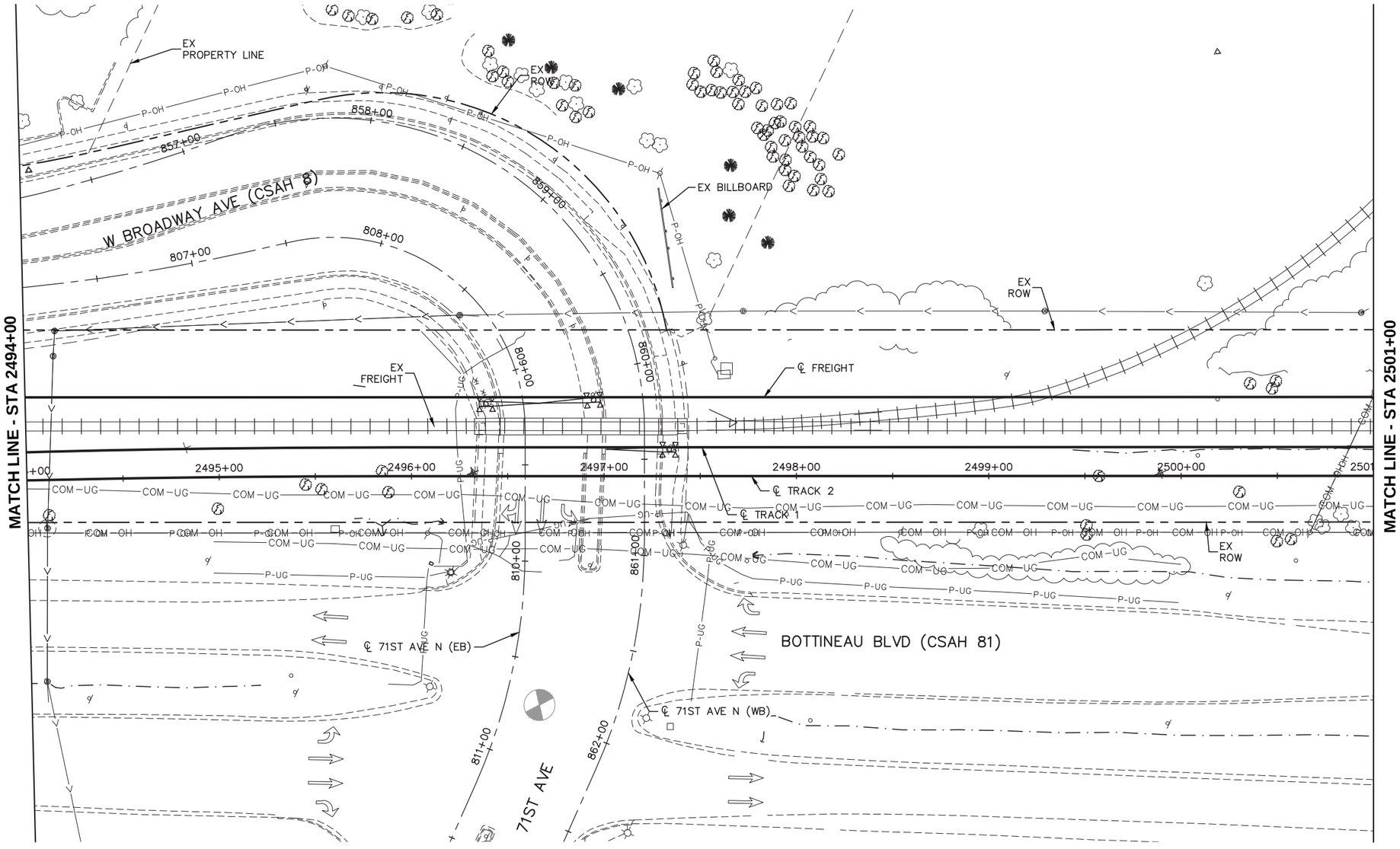
SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2487+00 TO STA 2494+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-010

SHEET 16 OF 266

Dec, 07 2015 02:20 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-EXCON-PLN.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2494+00 TO STA 2501+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-011

SHEET 17 OF 266

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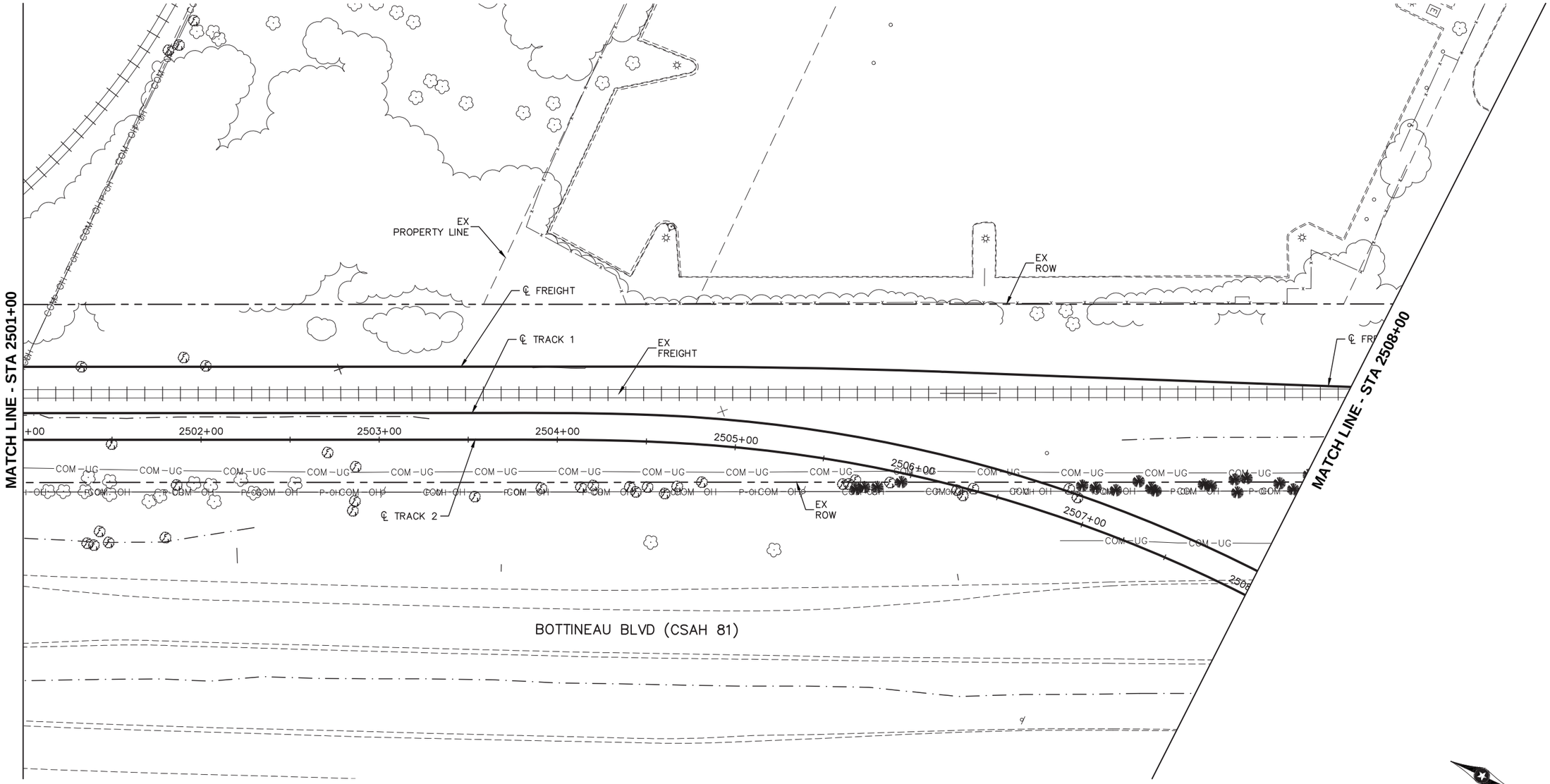


DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

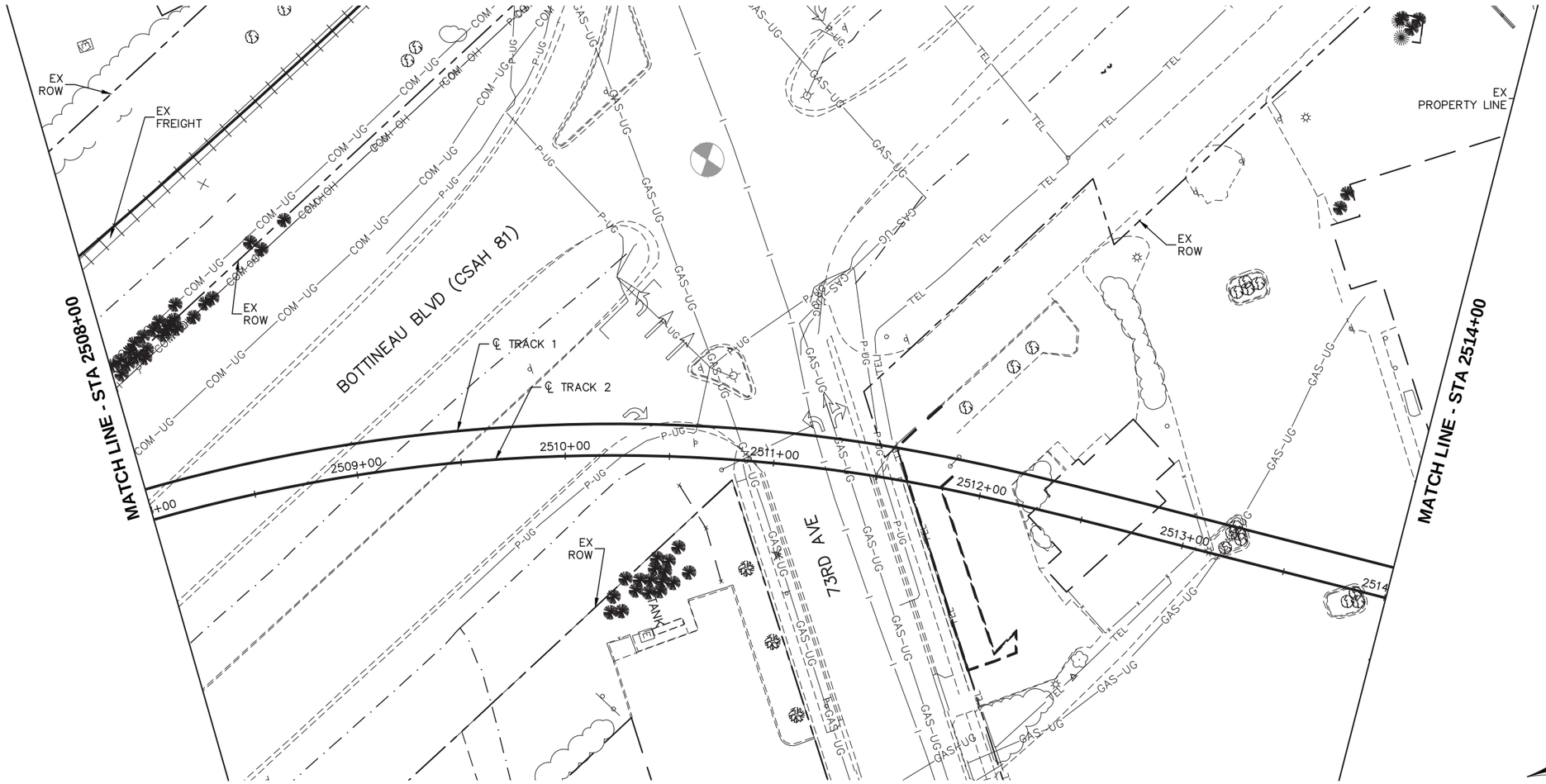
SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2501+00 TO STA 2508+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-012

SHEET 18 OF 266

Dec, 07 2015 02:21 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-EXCON-PLN.dwg By: mhuynh



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HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

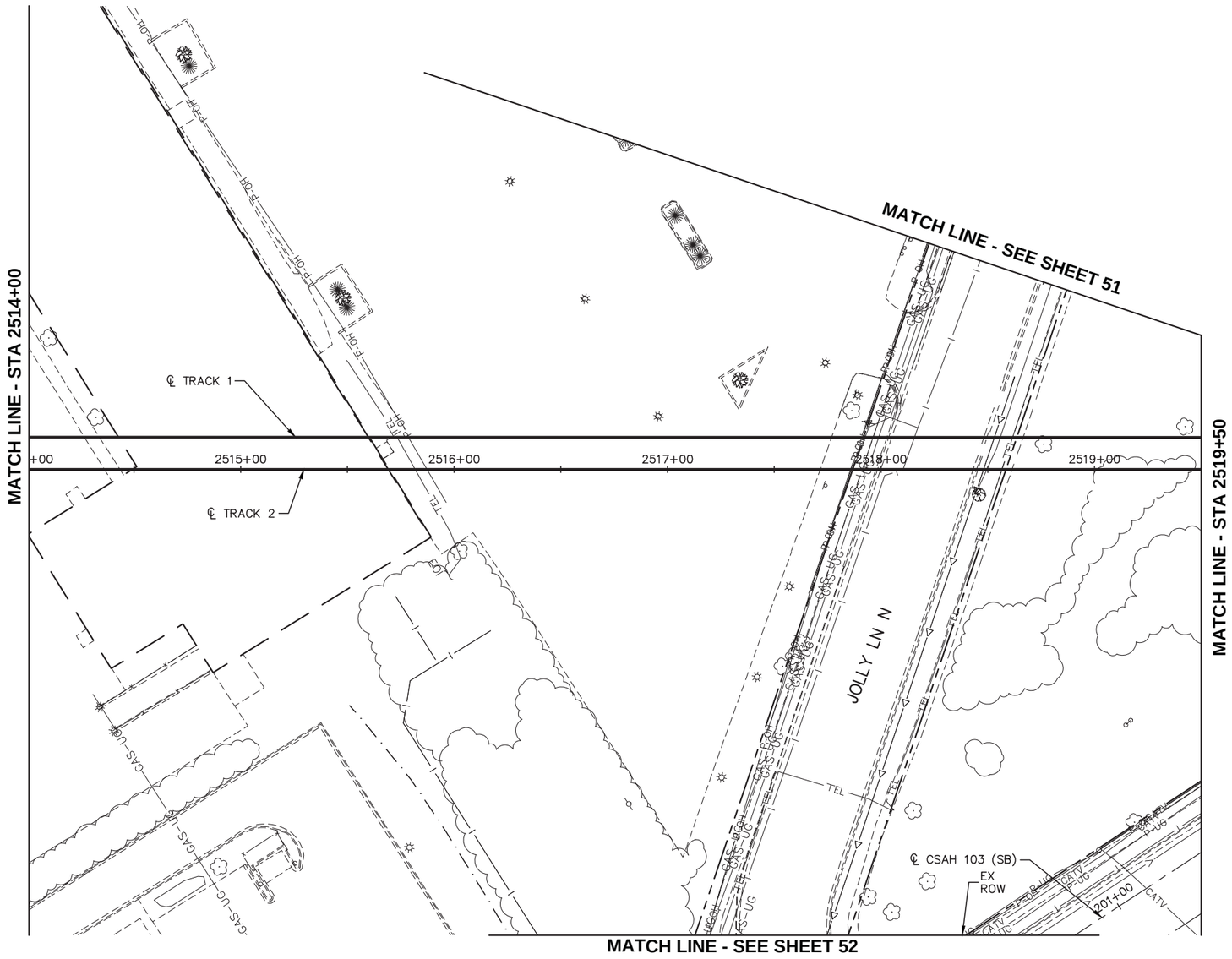
SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2508+00 TO STA 2514+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-013

SHEET 19 OF 266

Dec, 08 2015 11:45 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-EXCON-PLN.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
EXISTING CONDITIONS
STA 2514+00 TO STA 2519+50

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-014

SHEET 20 OF 266

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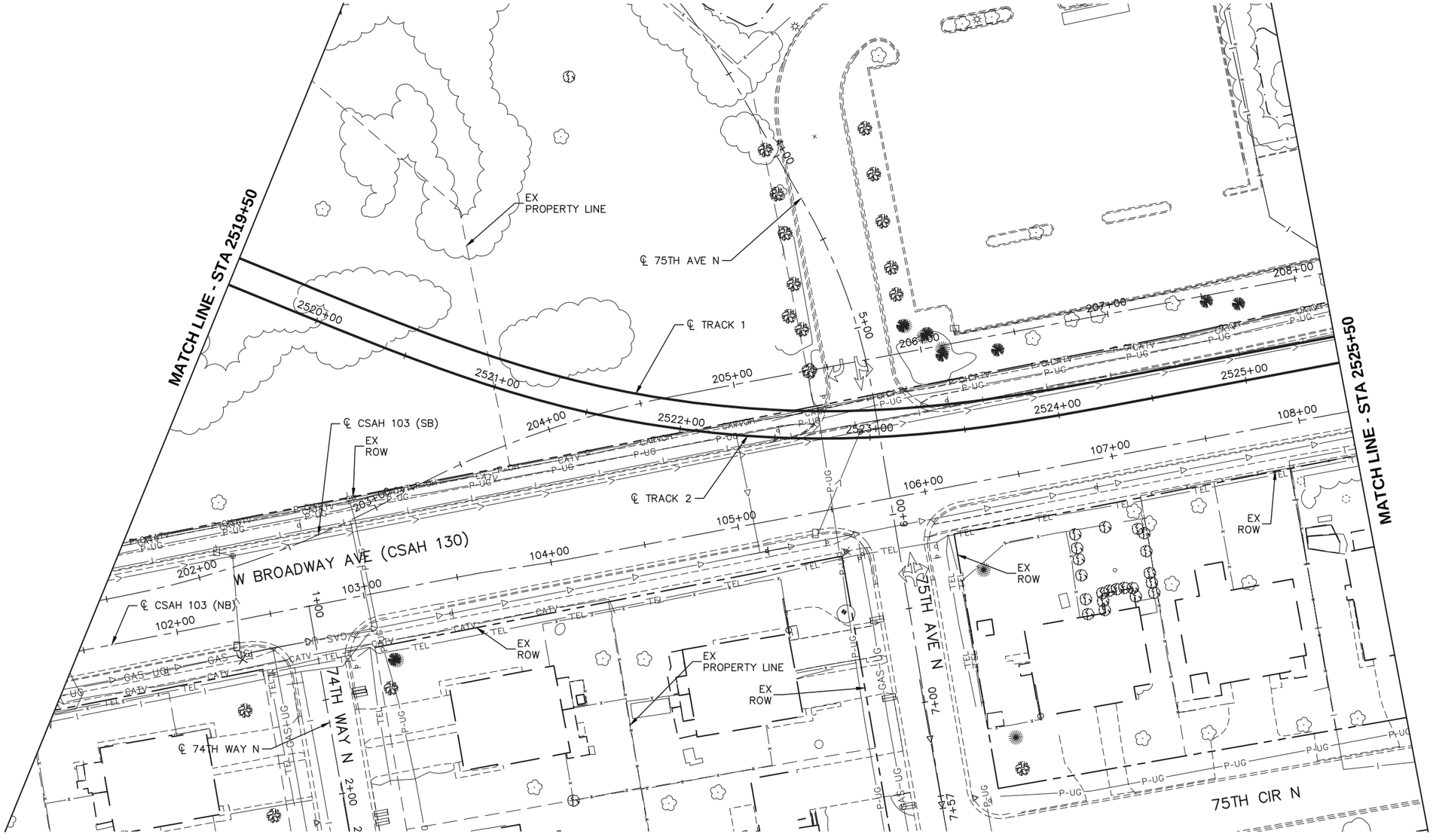

0 15 30 60
HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2519+50 TO STA 2525+50

DISCIPLINE: **SURVEY**

SHEET NAME: **BP-EXCON-PLN-015**

SHEET 21 OF 266

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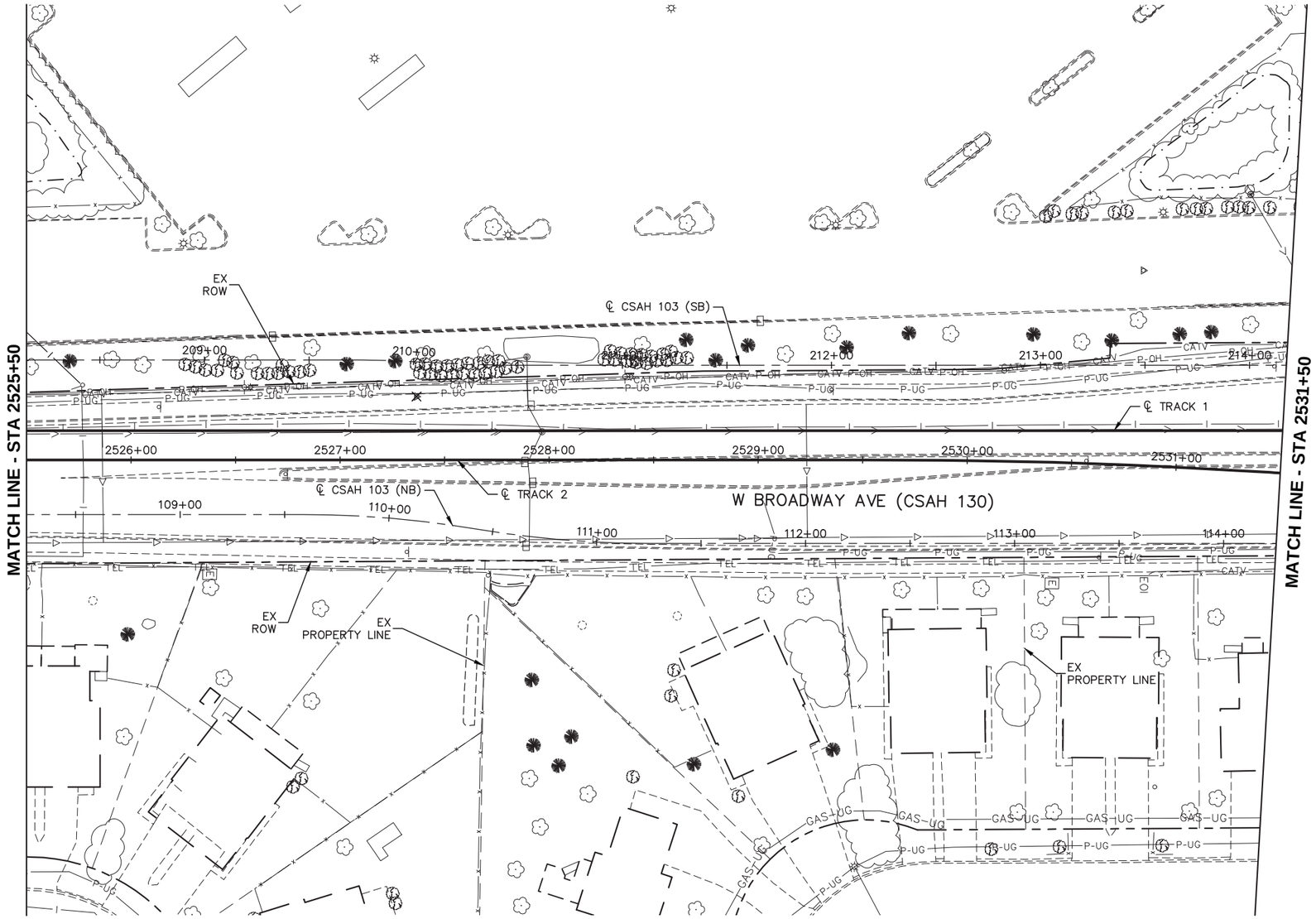


0 15 30 60
HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

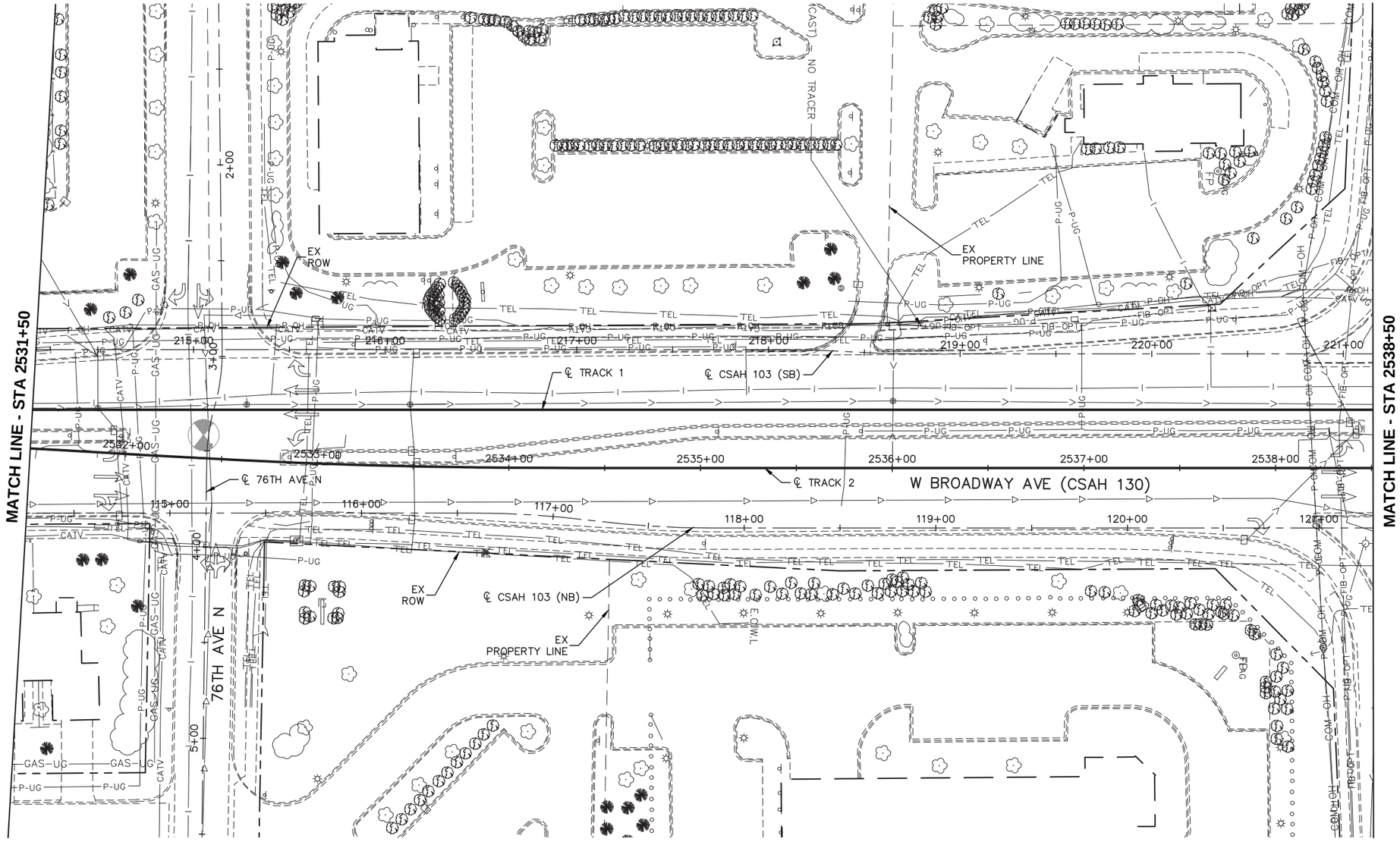
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2525+50 TO STA 2531+50

DISCIPLINE: **SURVEY**

SHEET NAME: **BP-EXCON-PLN-016**

SHEET 22 OF 266

Dec, 08 2015 11:46 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-EXCON-PLN.dwg By: mhuynh



0 15 30 60
HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2531+50 TO STA 2538+50

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-017

SHEET 23 OF 266

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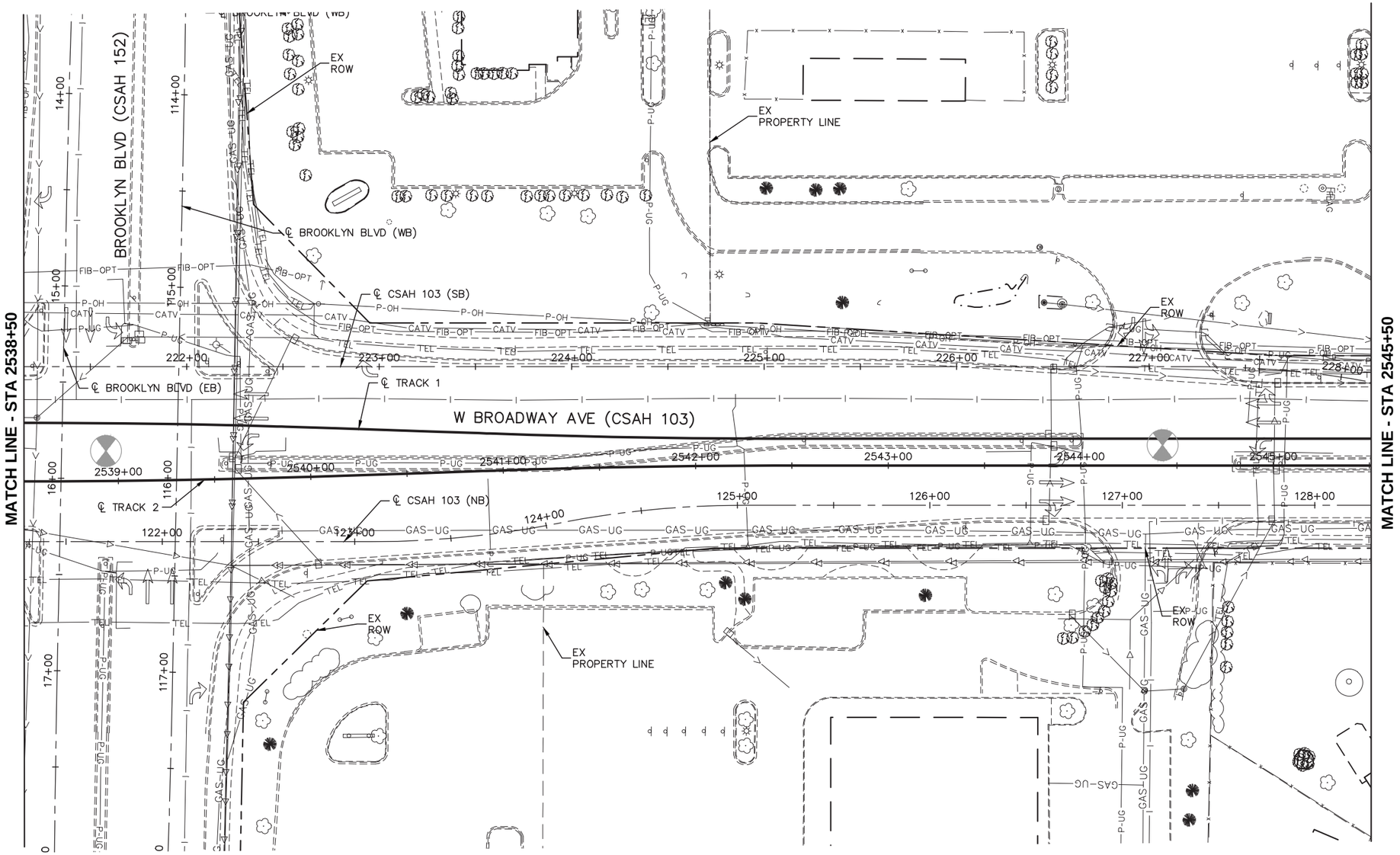

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HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

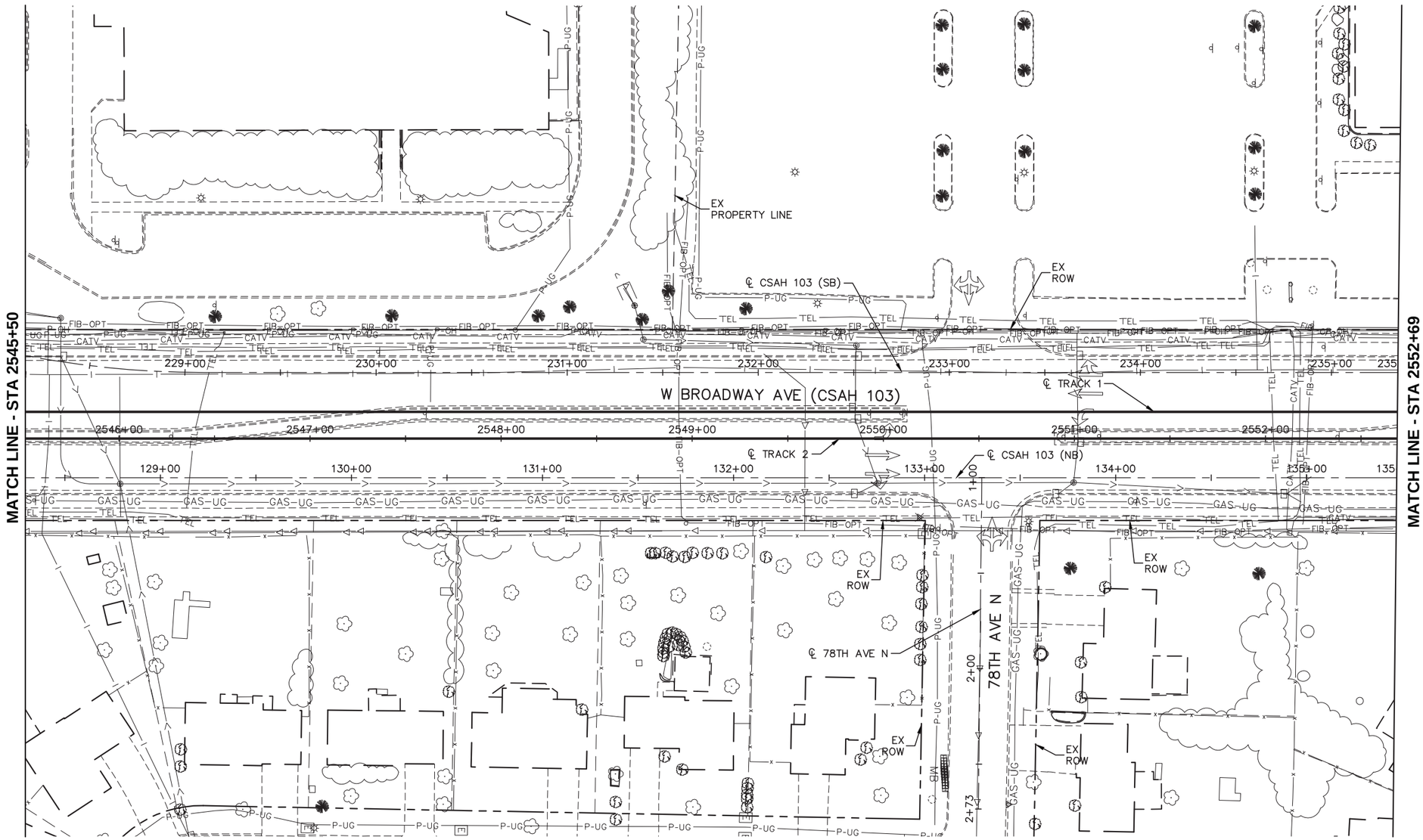
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2538+50 TO STA 2545+50

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-018

SHEET 24 OF 266

Dec, 07 2015 02:22 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-EXCON-PLN.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2545+50 TO STA 2552+69

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-019

SHEET 25 OF 266

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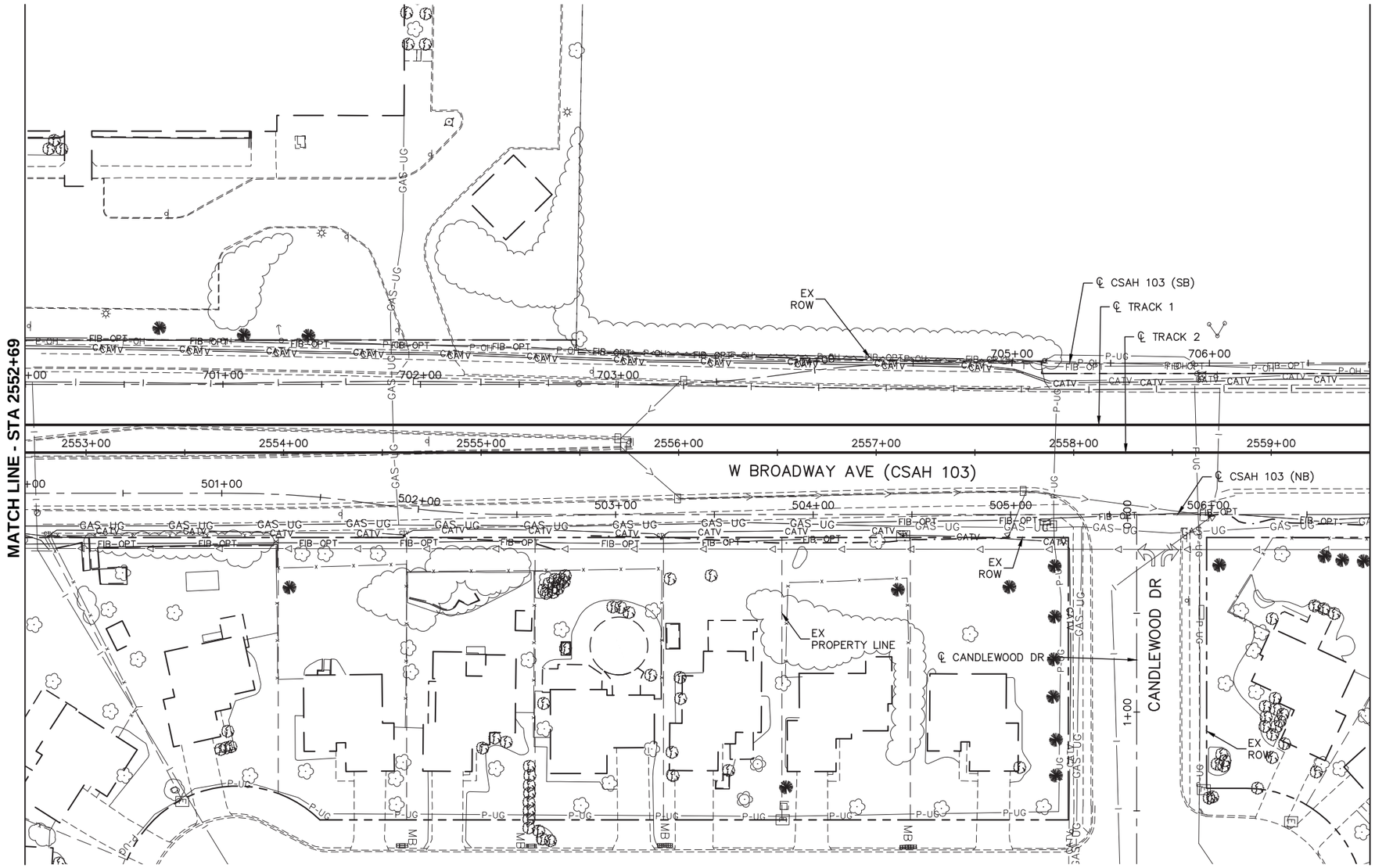

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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2552+69 TO STA 2559+50

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-020

SHEET 26 OF 266

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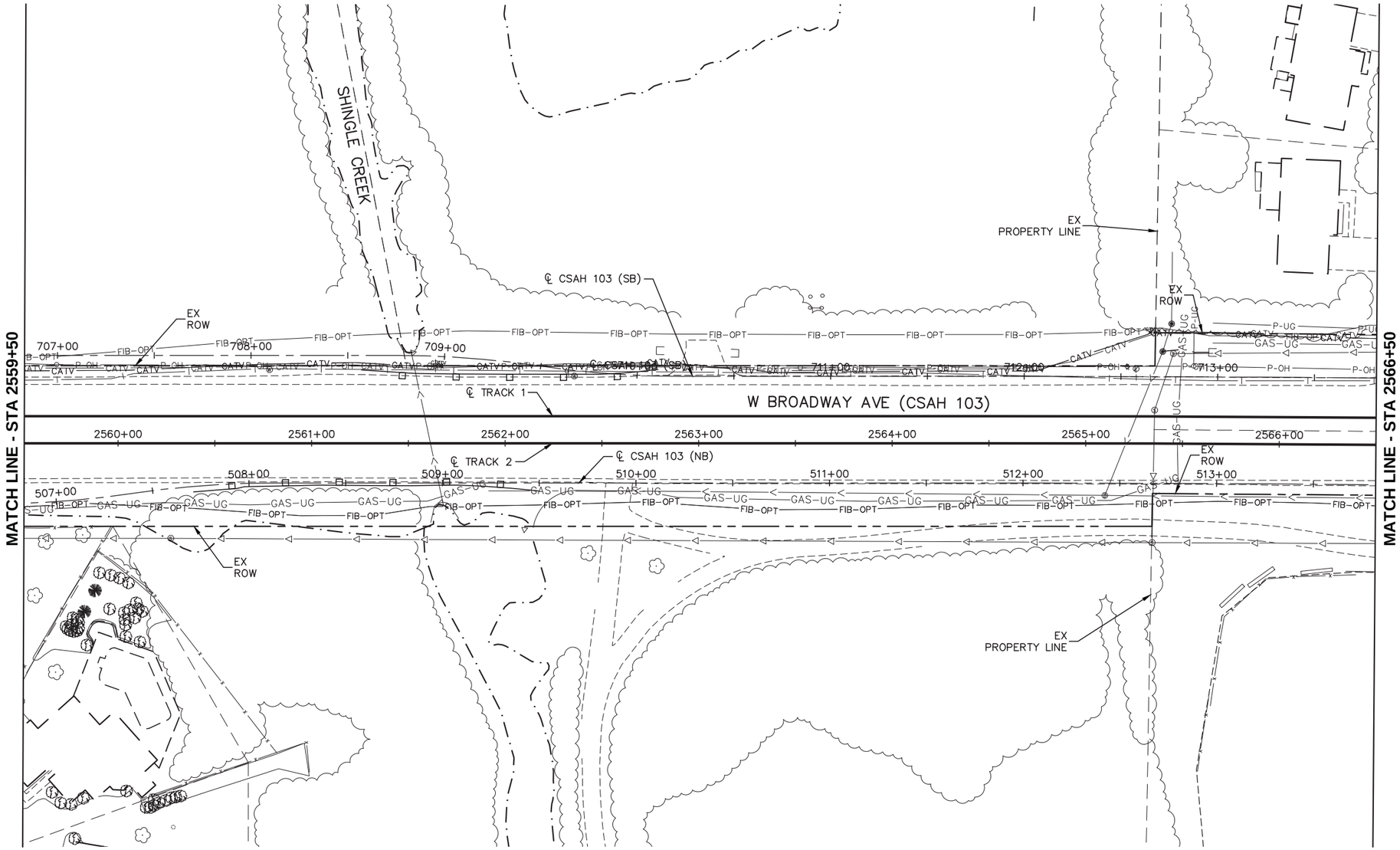

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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

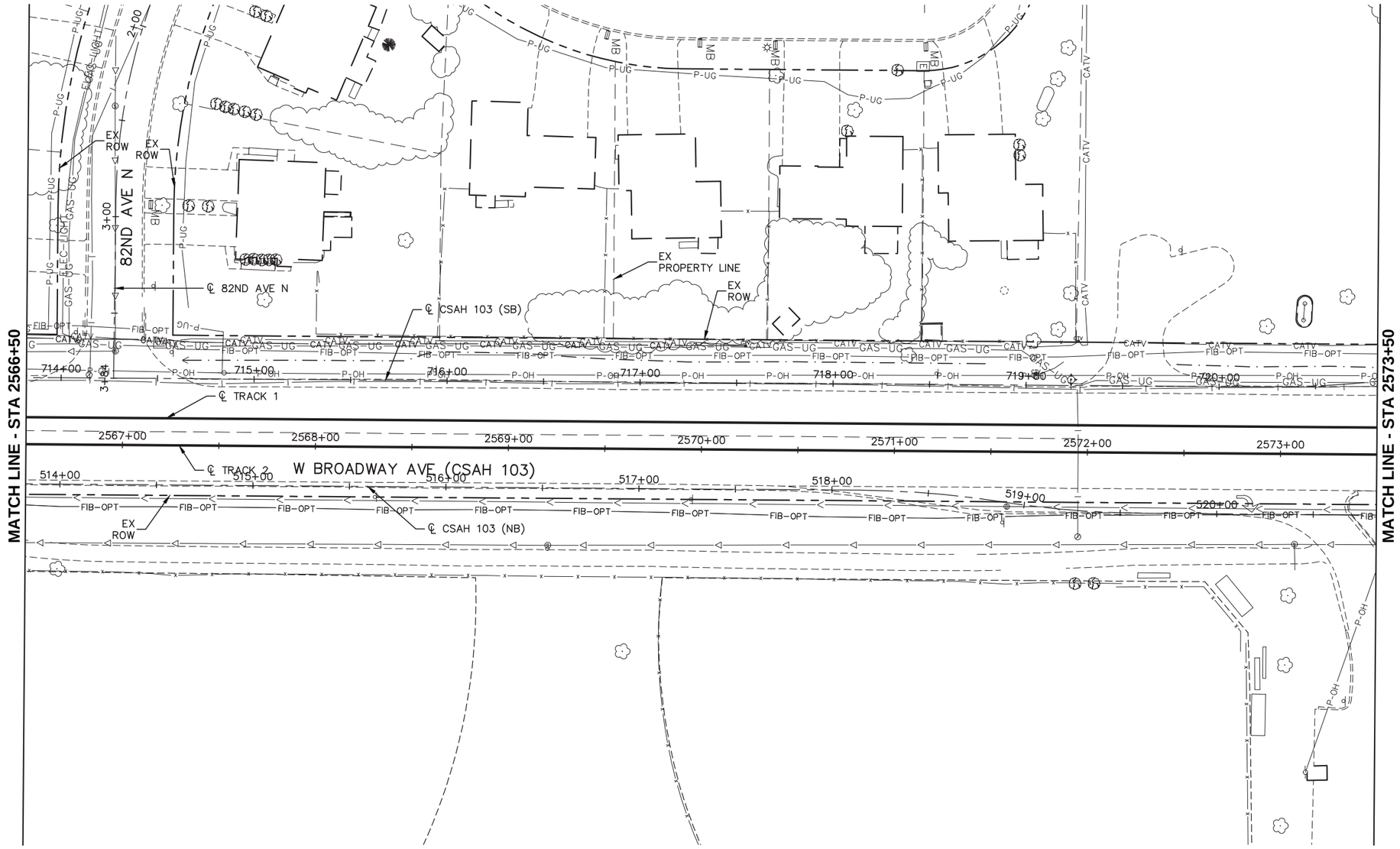
METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2559+50 TO STA 2566+50

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-021

SHEET 27 OF 266

Dec, 07 2015 02:25 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2566+50 TO STA 2573+50

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-022

SHEET 28 OF 266

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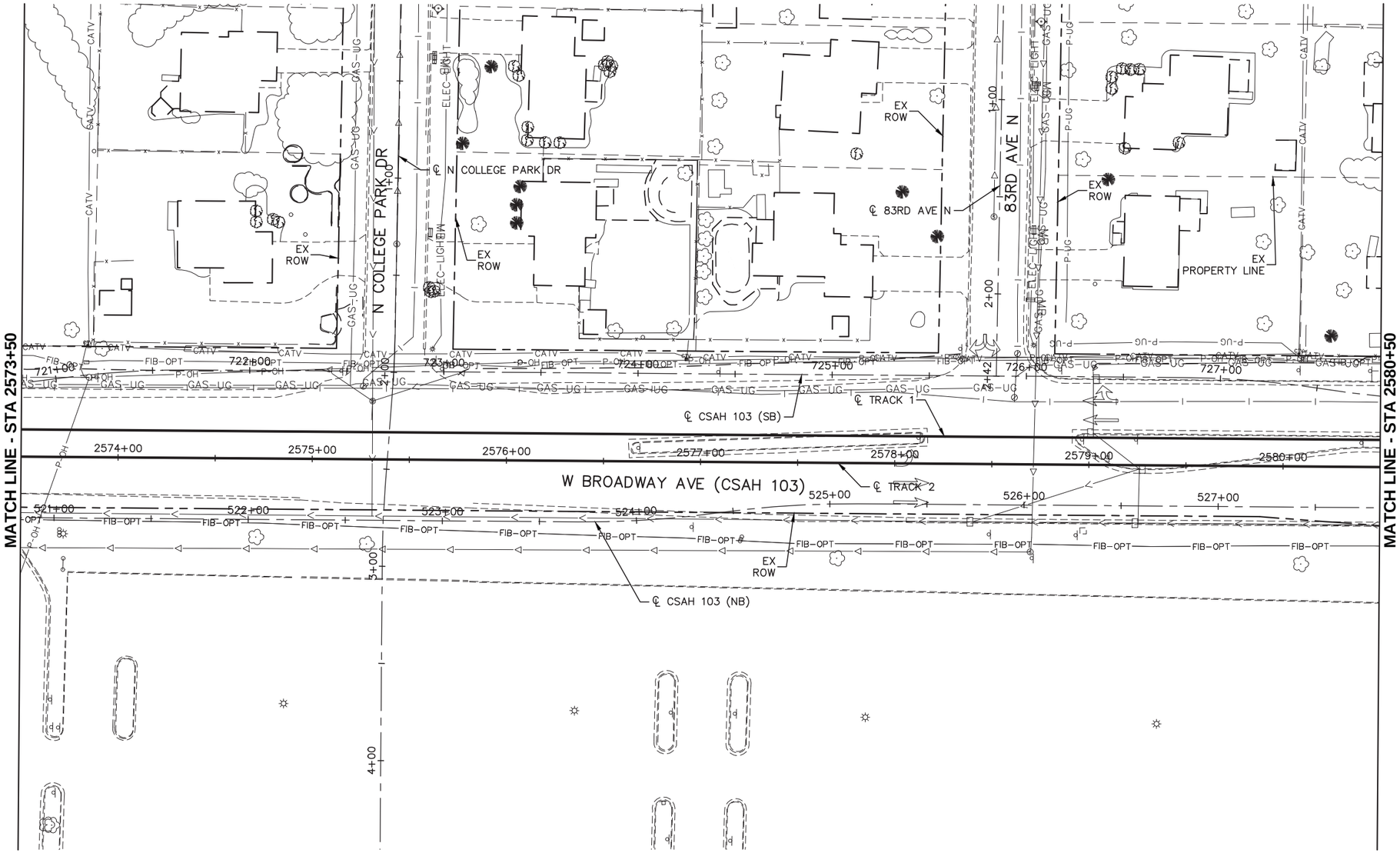


0 15 30 60
HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

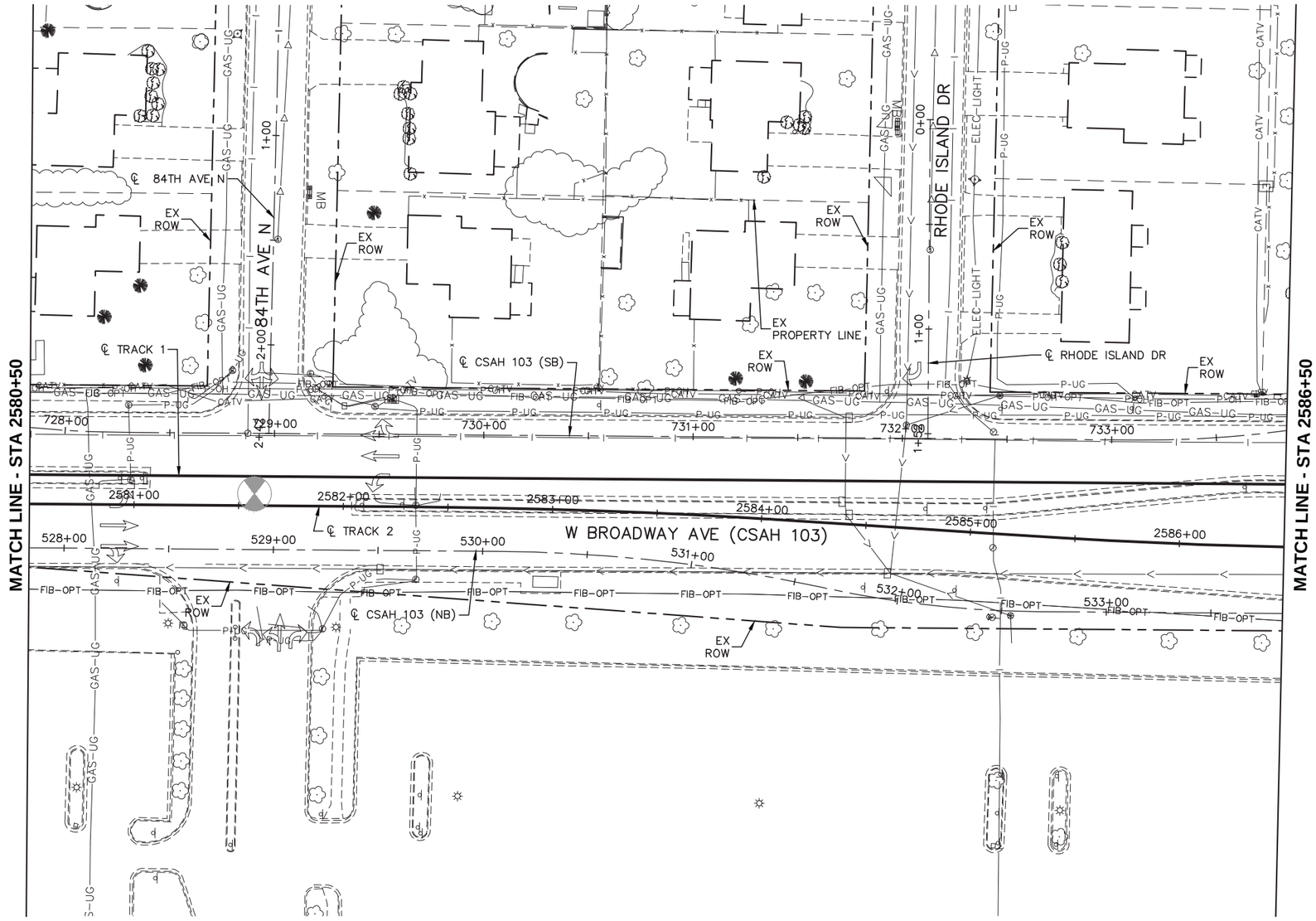
METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2573+50 TO STA 2580+50

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-023

SHEET 29 OF 266

Dec, 07 2015 02:26 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: mhuynh



0 15 30 60
HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

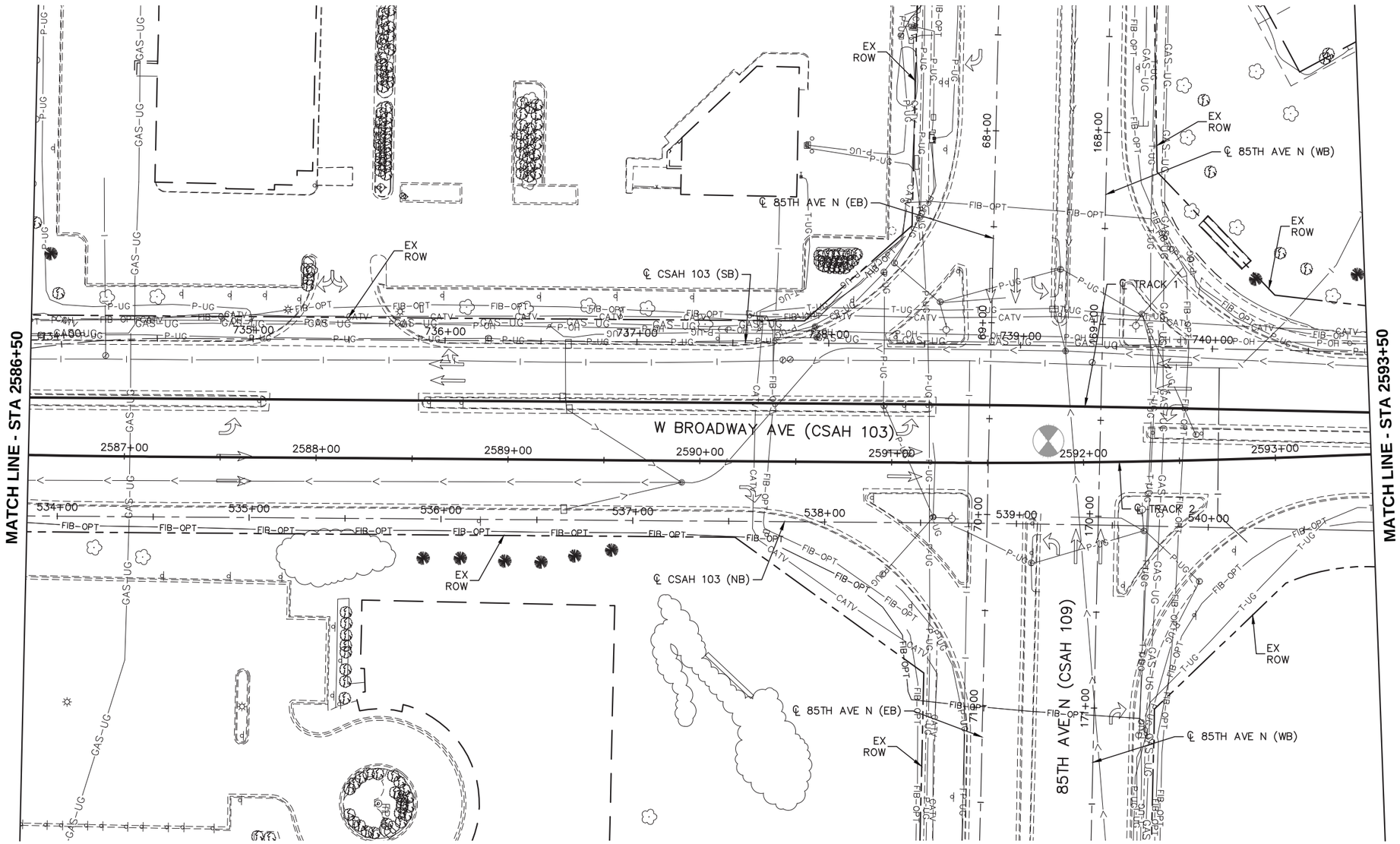
METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2580+50 TO STA 2586+50

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-024

SHEET 30 OF 266

Dec, 07 2015 02:27 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: mhuynh



0 15 30 60
HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2586+50 TO STA 2593+50

DISCIPLINE: SURVEY

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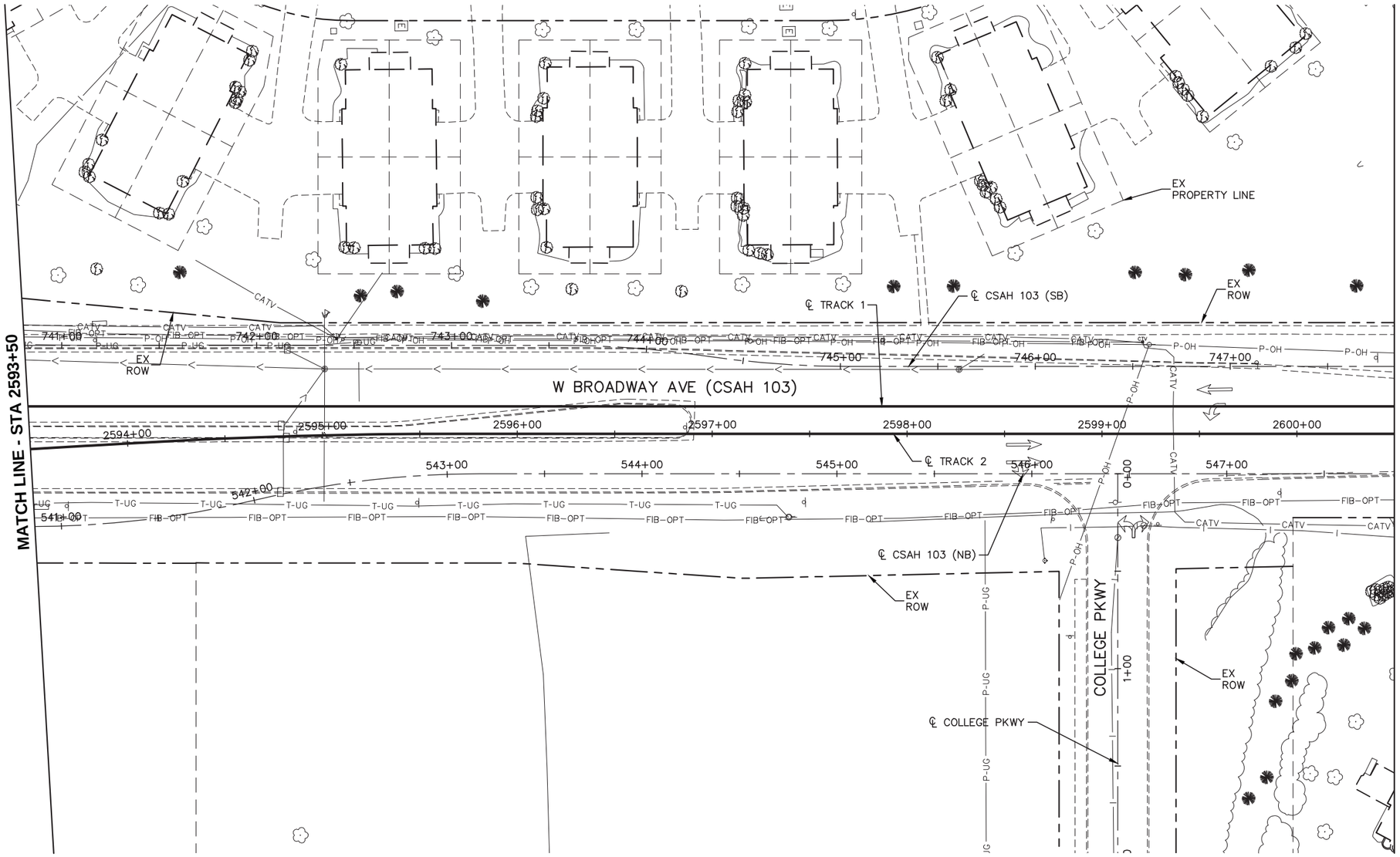

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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

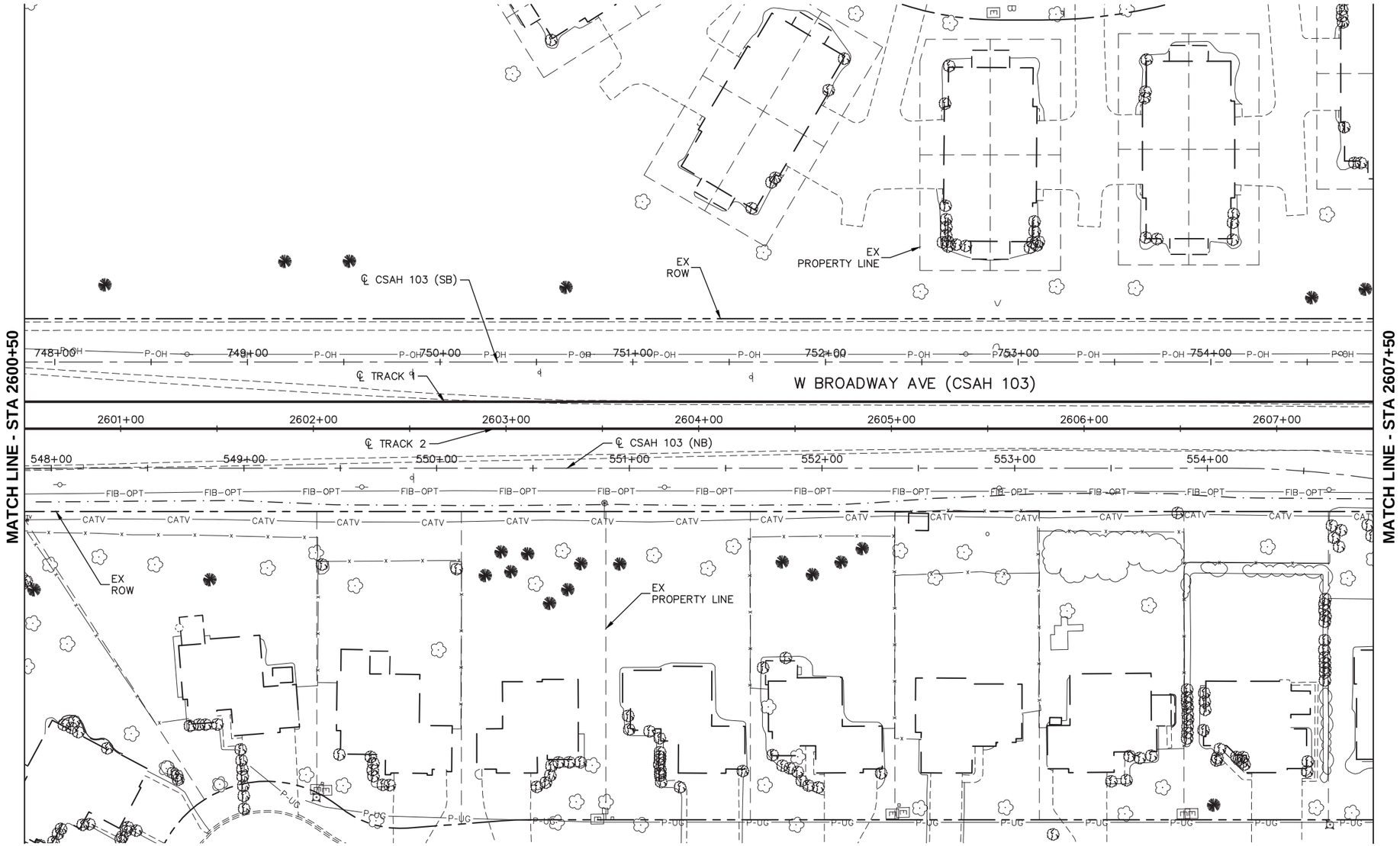
METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2593+50 TO STA 2600+50

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-026

SHEET 32 OF 266

Dec, 07 2015 02:32 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

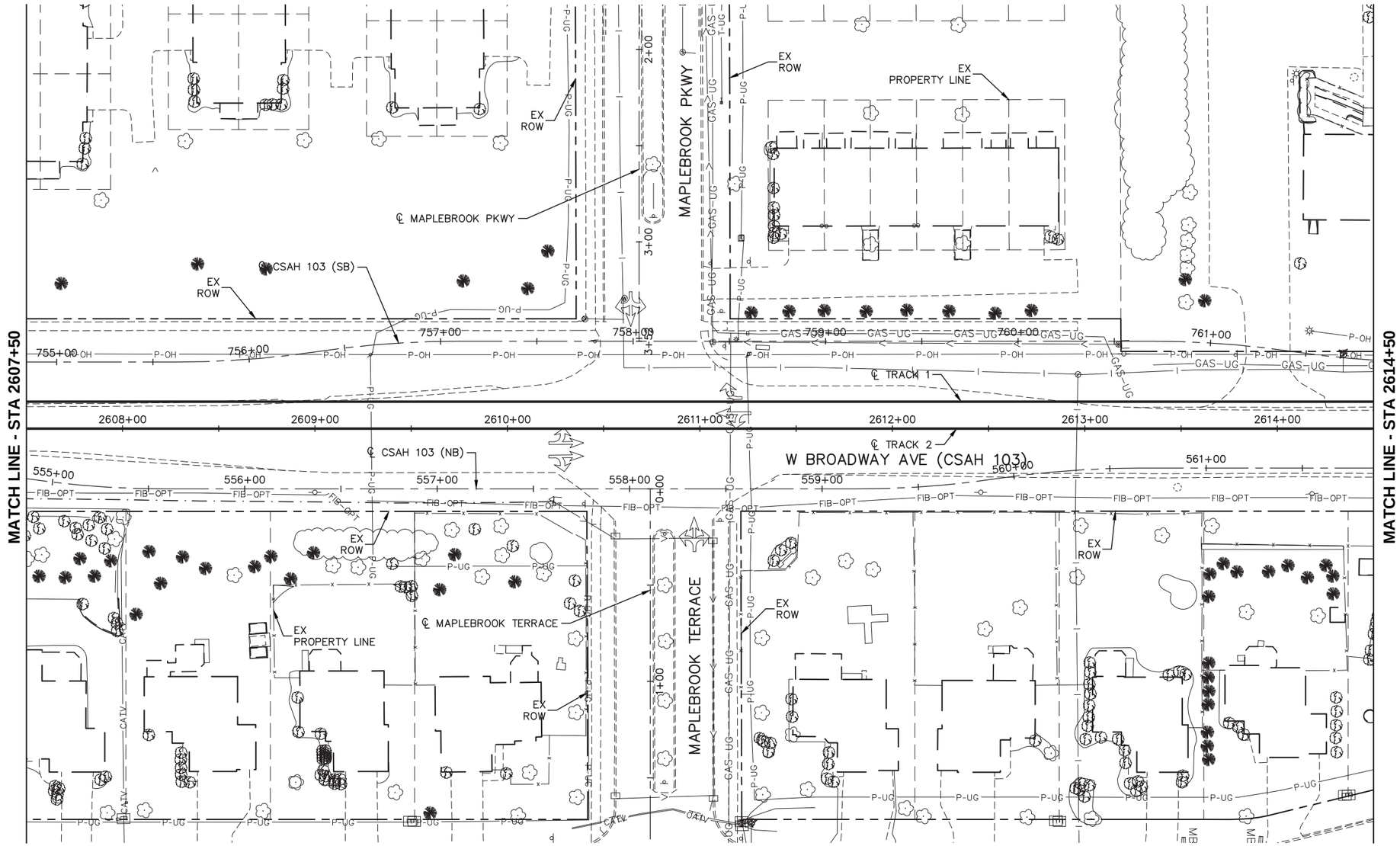
METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2600+50 TO STA 2607+50

DISCIPLINE: **SURVEY**
SHEET NAME: **BP-EXCON-PLN-027**

SHEET **33** OF **266**

Dec, 07 2015 02:32 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: mhuynh



0 15 30 60
HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2607+50 TO STA 2614+50

DISCIPLINE: **SURVEY**

SHEET NAME: **BP-EXCON-PLN-028**

SHEET **34** OF **266**

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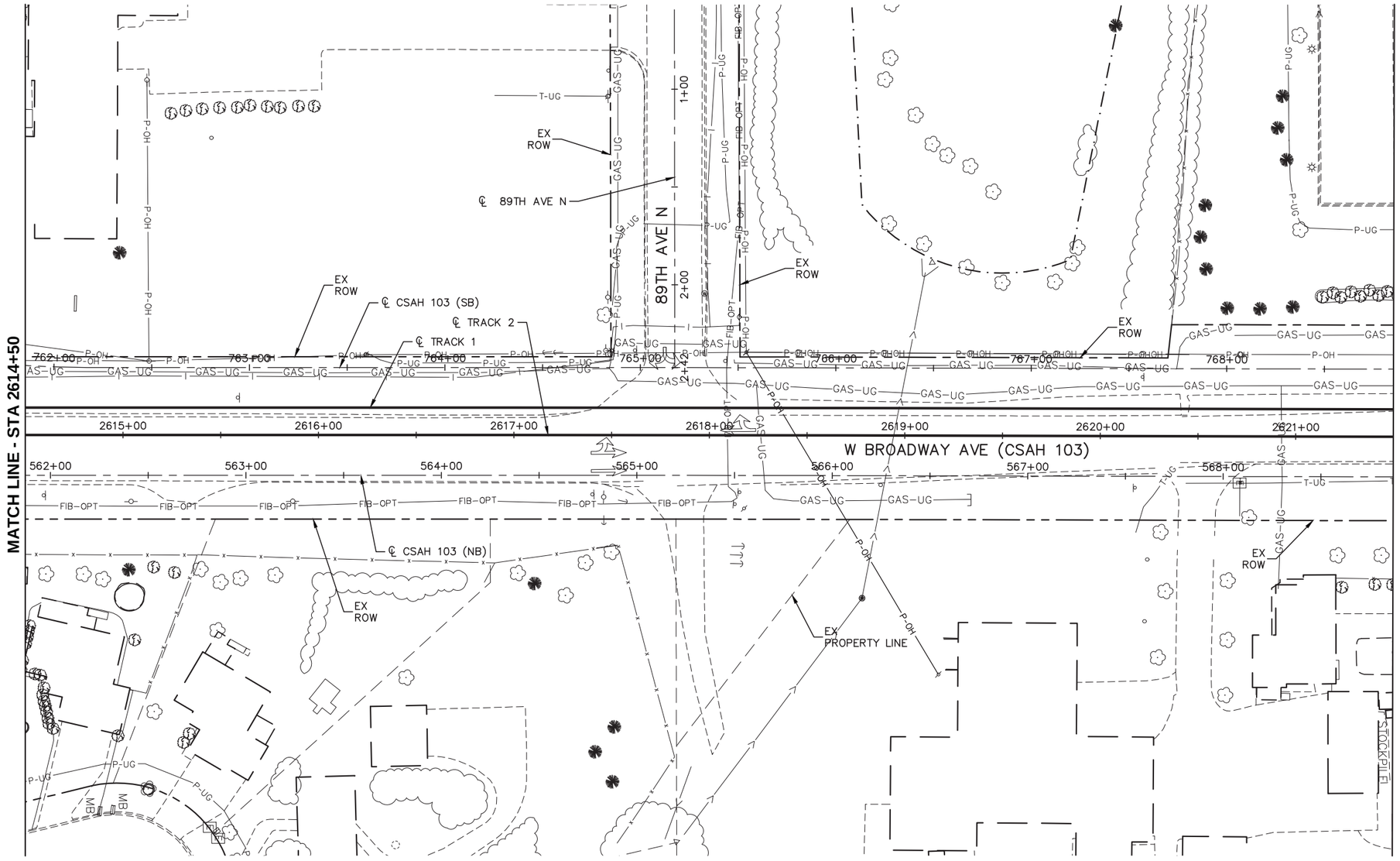


DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

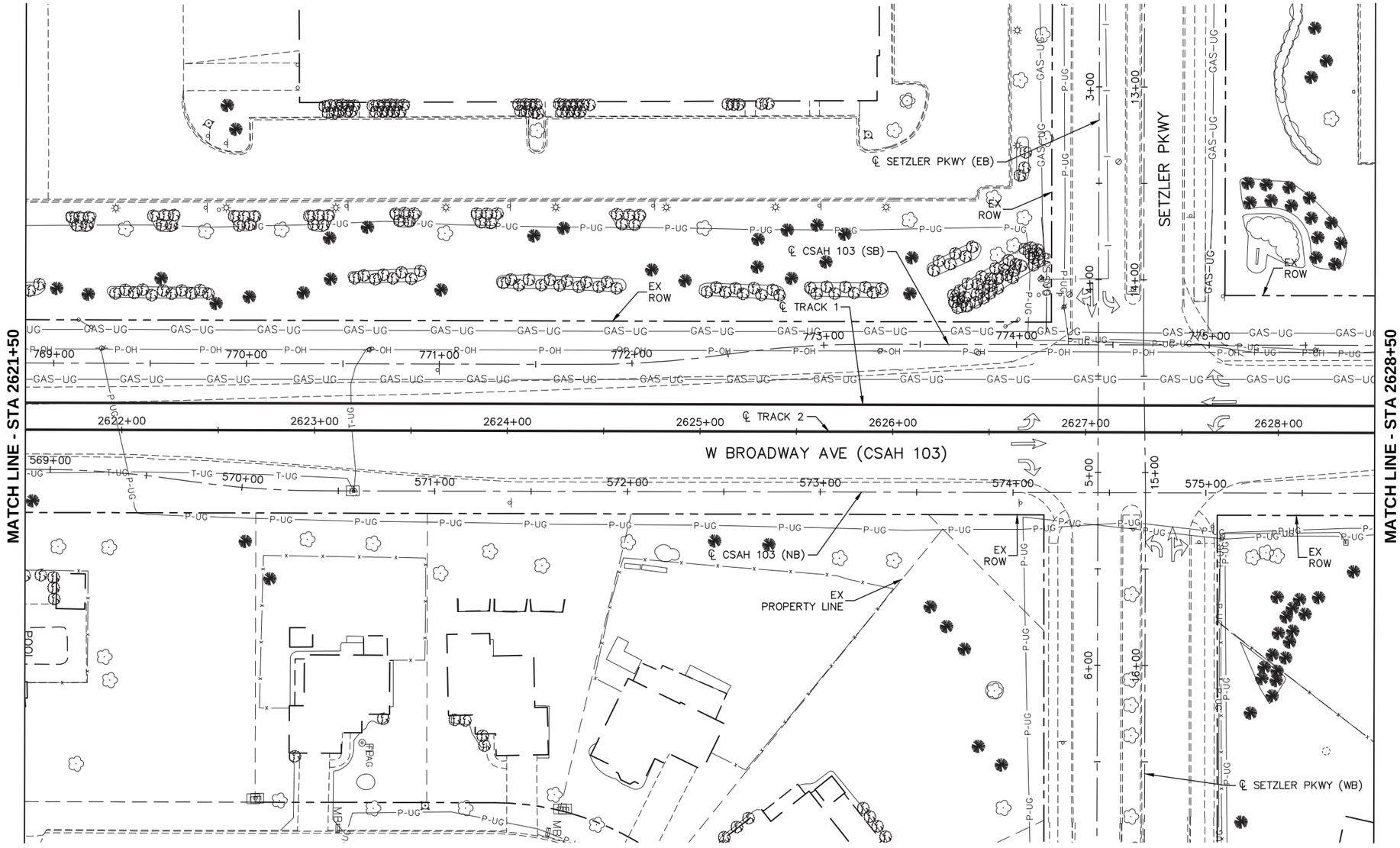
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2614+50 TO STA 2621+50

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-029

SHEET 35 OF 266

Dec, 07 2015 02:33 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

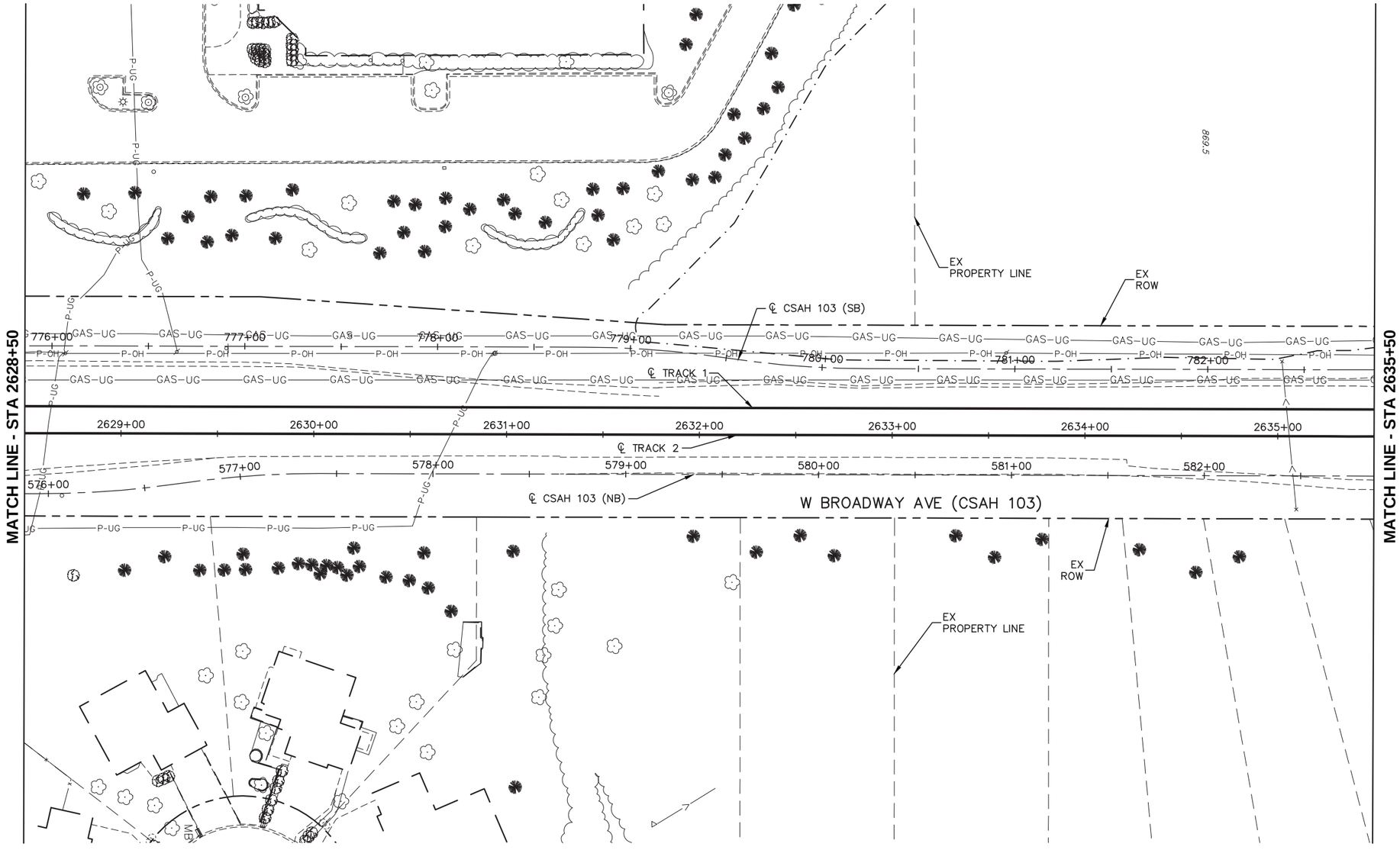
METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2621+50 TO STA 2628+50

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-030

SHEET 36 OF 266

Dec, 07 2015 04:49 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

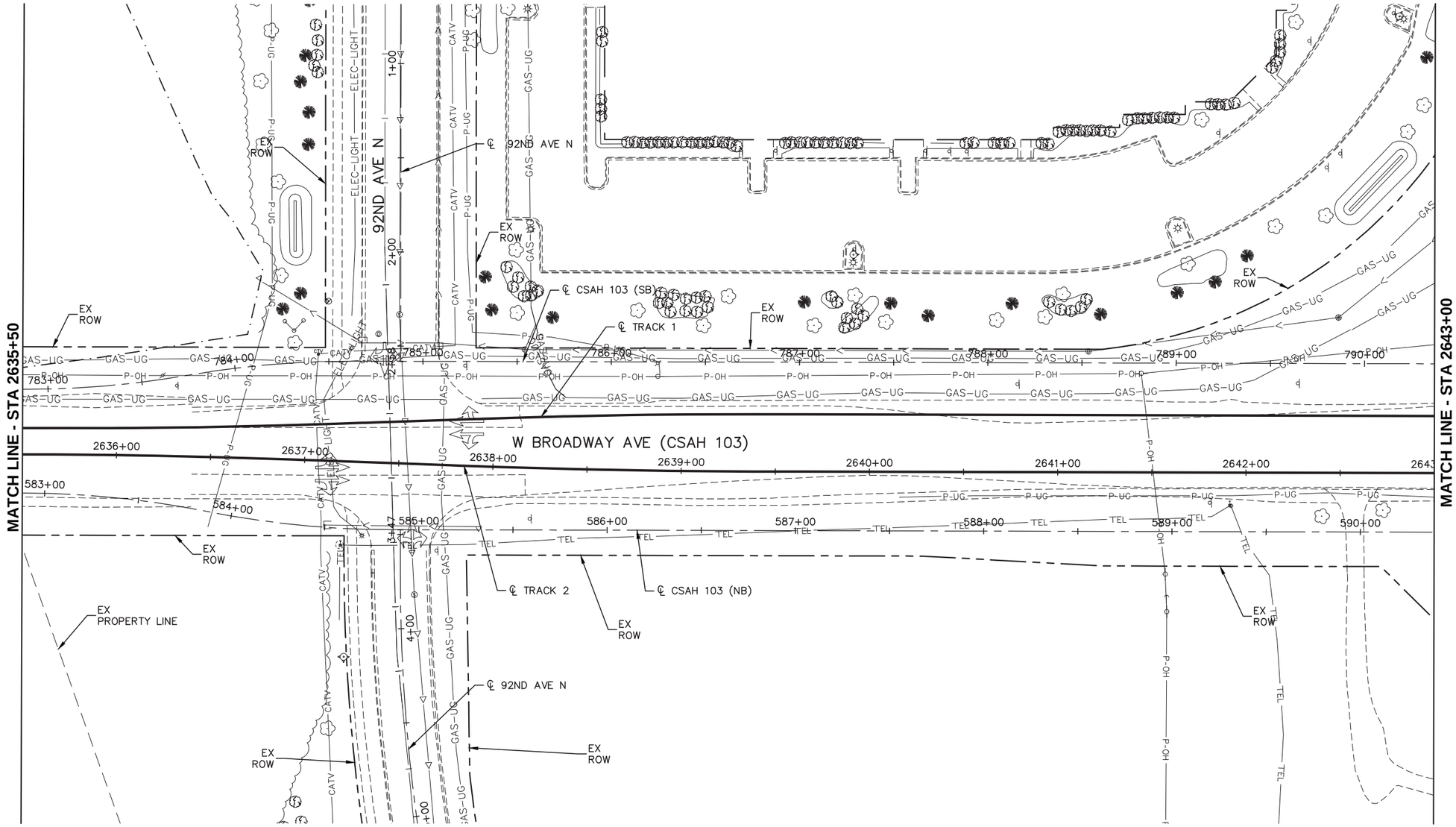
METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2628+50 TO STA 2635+50

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-031

SHEET 37 OF 266

Dec, 07 2015 02:34 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1---EXCON-PLN.dwg By: mhuynh



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SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

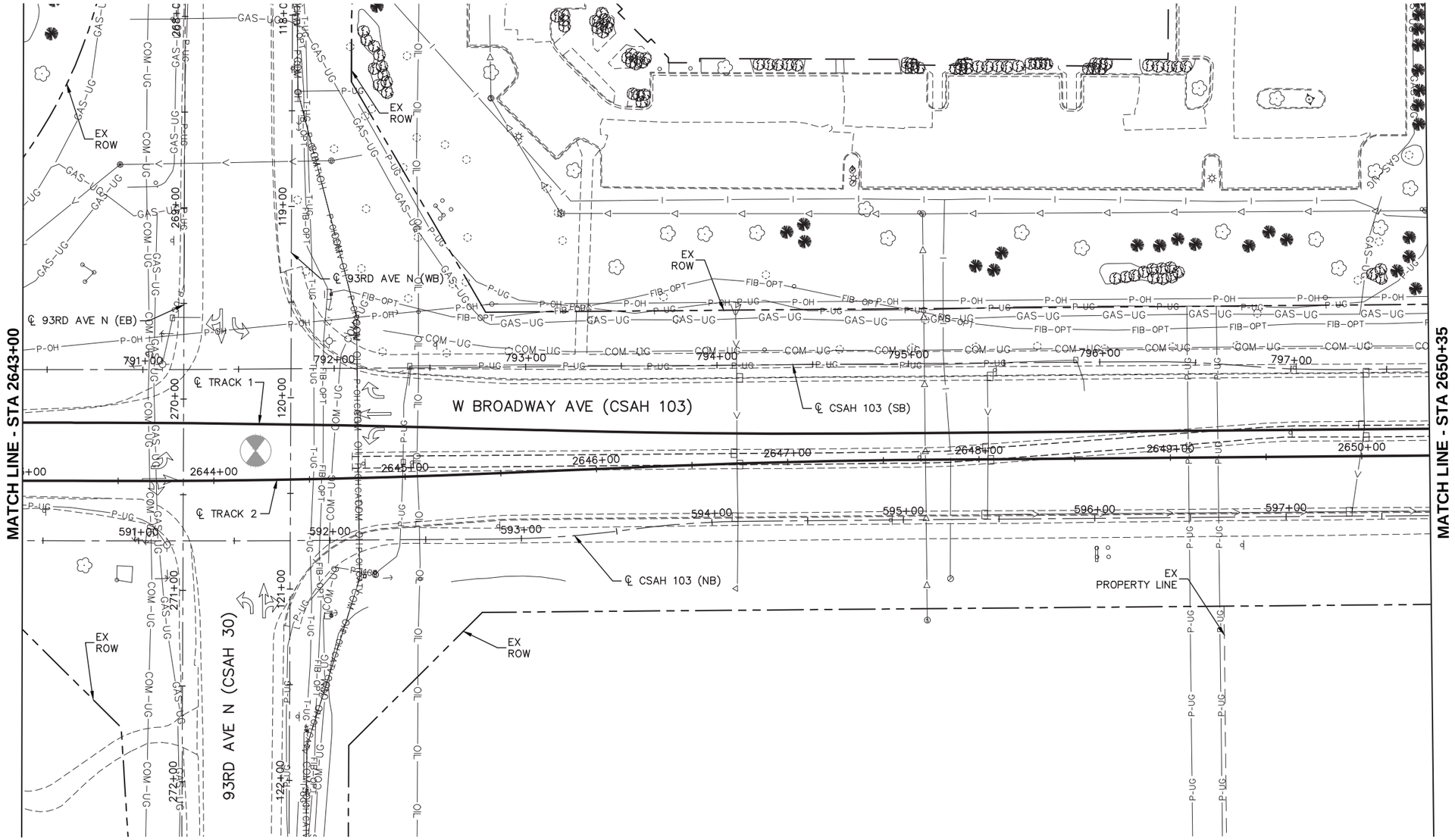
METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2635+50 TO STA 2643+00

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-032

SHEET 38 OF 266

Dec, 07 2015 02:34 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: mhuynh



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SCALE HORIZONTAL IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

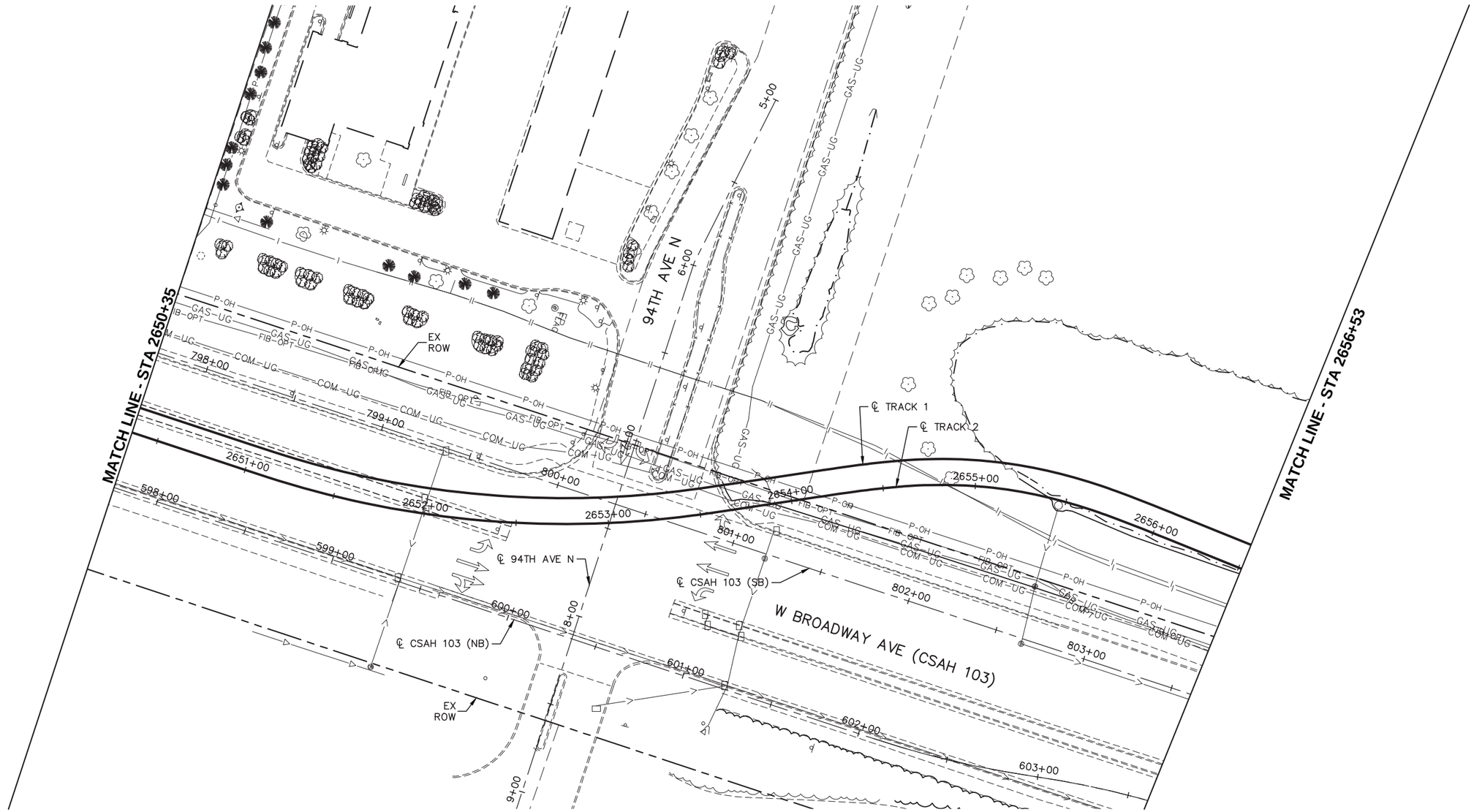
METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2643+00 TO STA 2650+35

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-033

SHEET 39 OF 266

Dec, 08 2015 11:49 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: mhuynh



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SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

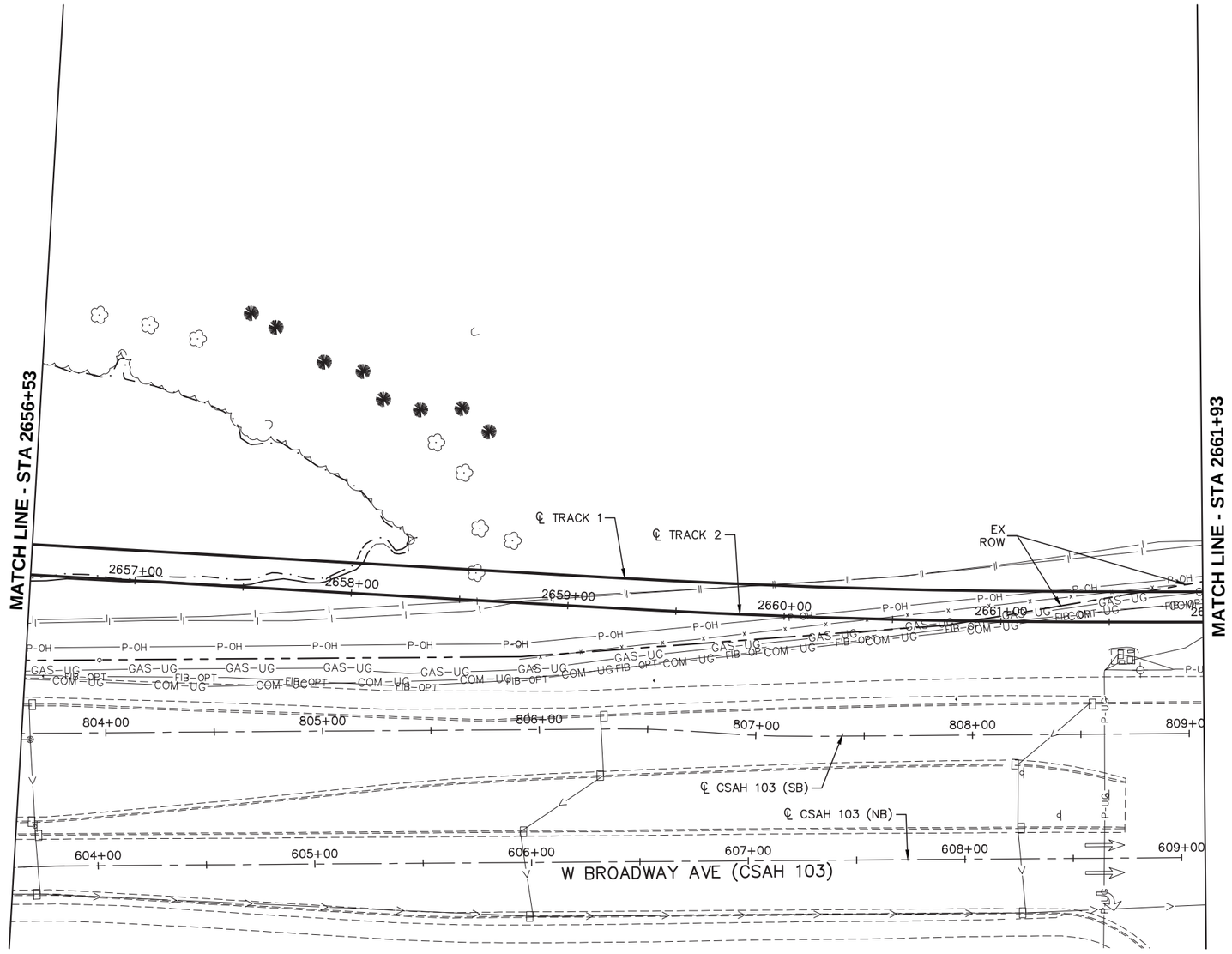
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2650+35 TO STA 2656+53

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-034

SHEET 40 OF 266

Dec, 08 2015 11:53 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION
Bottineau LRT

METROPOLITAN COUNCIL

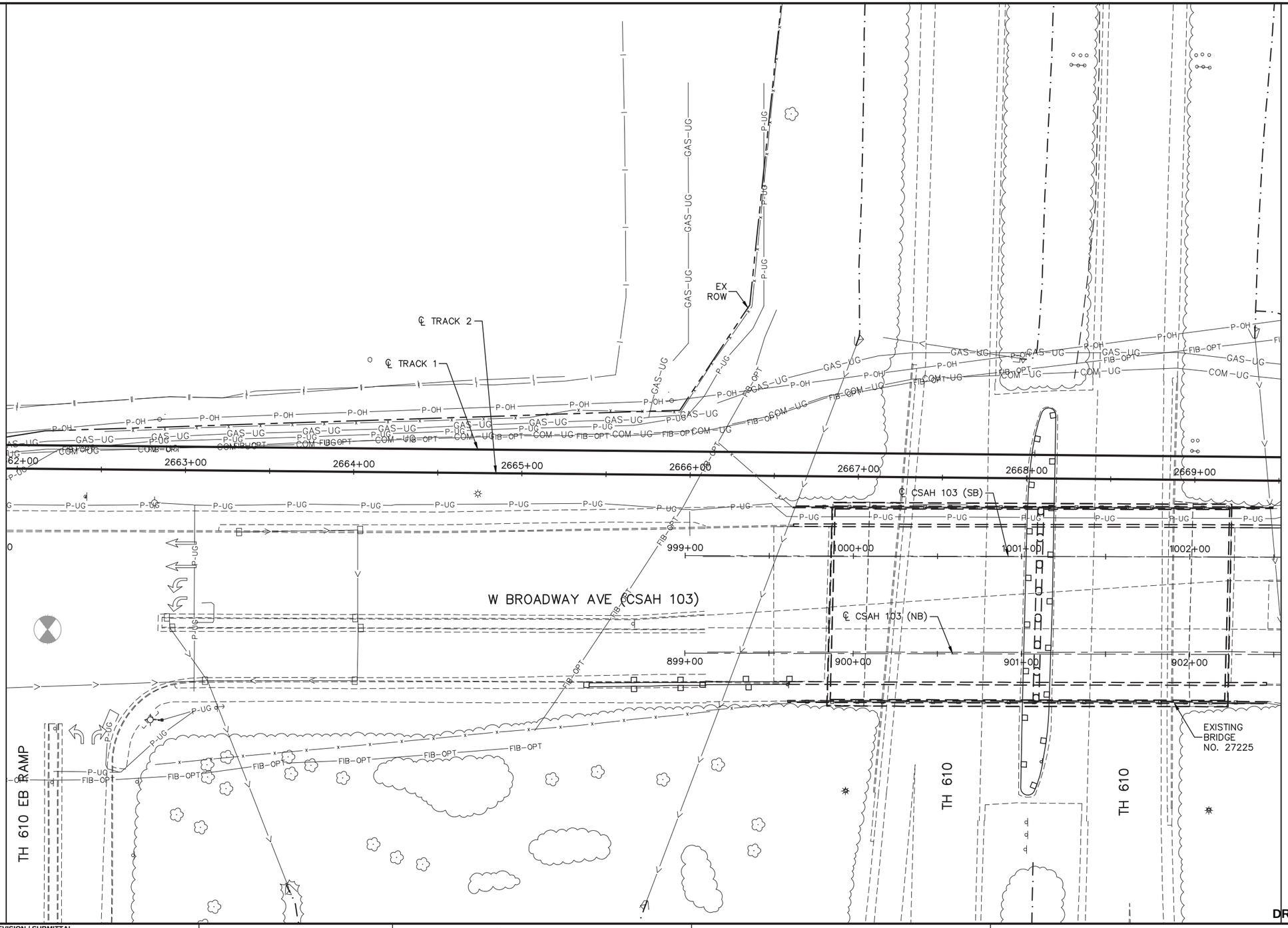
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2656+53 TO STA 2661+93

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-035

SHEET 41 OF 266

Dec, 07 2015 03:37 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

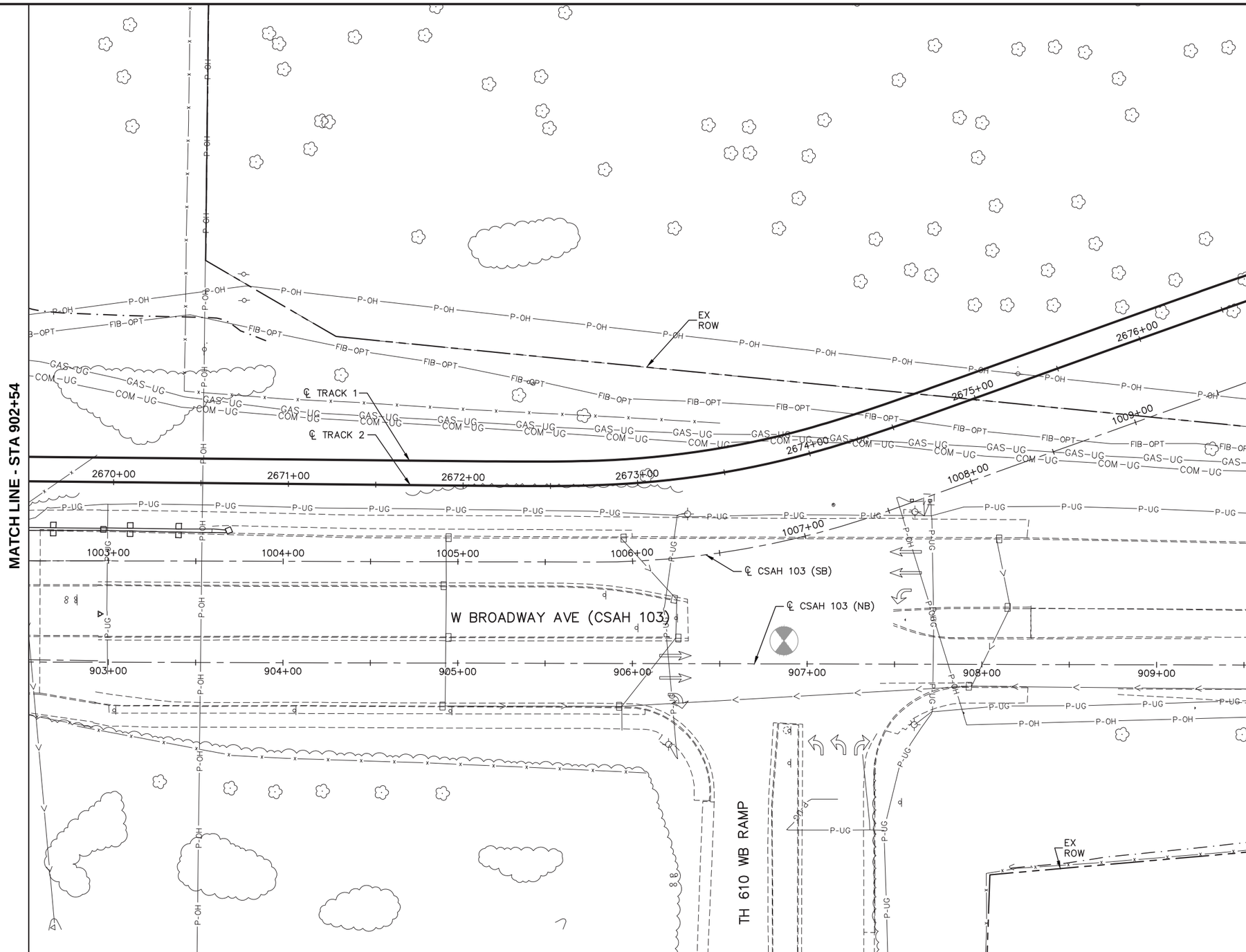
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 2661+93 TO STA 902+54

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-036

SHEET 42 OF 266

Dec, 08 2015 11:54 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: nhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

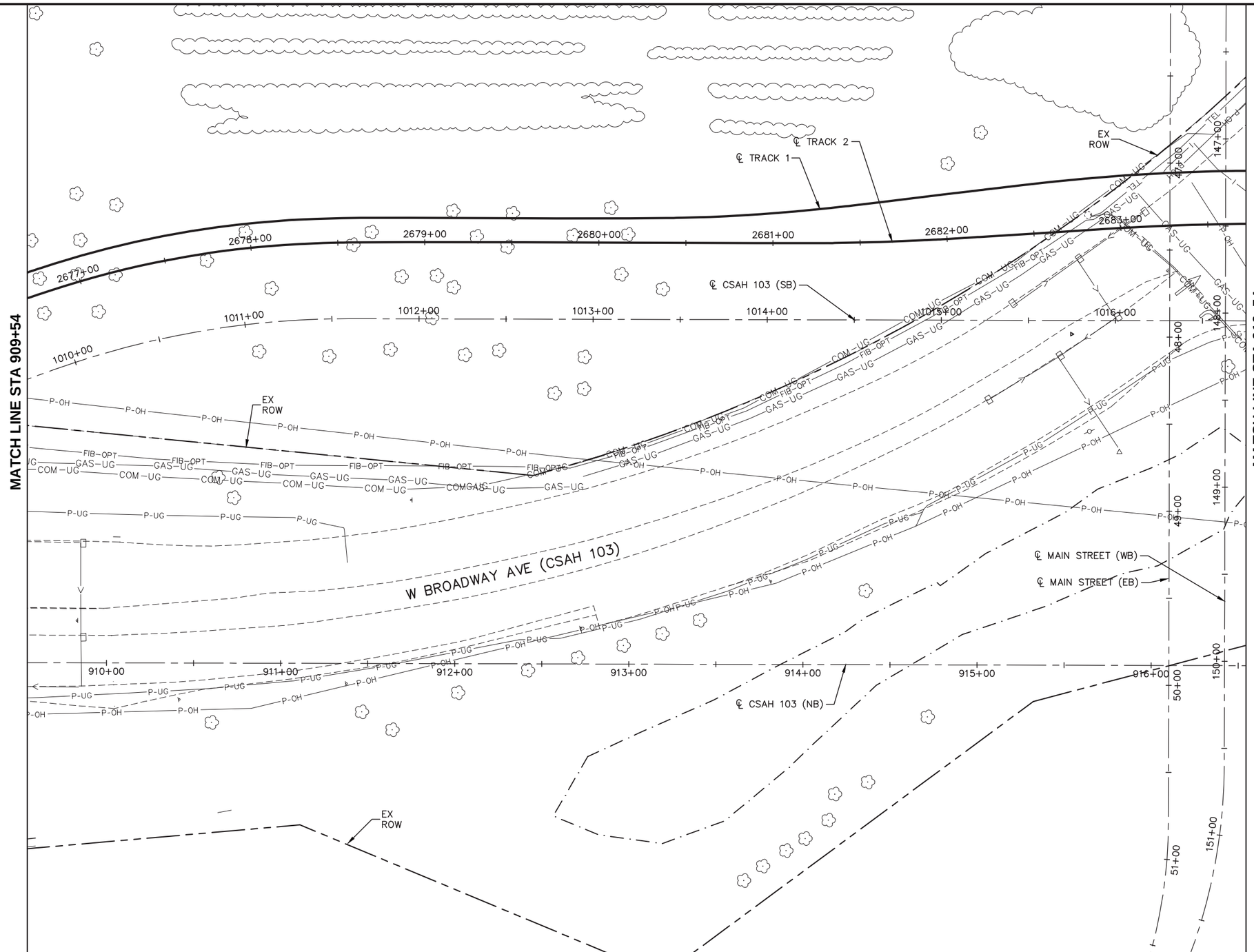
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 902+54 to STA 909+54

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-037

SHEET 43 OF 266

Dec, 07 2015 03:39 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BrooklynPark LRT

METROPOLITAN COUNCIL

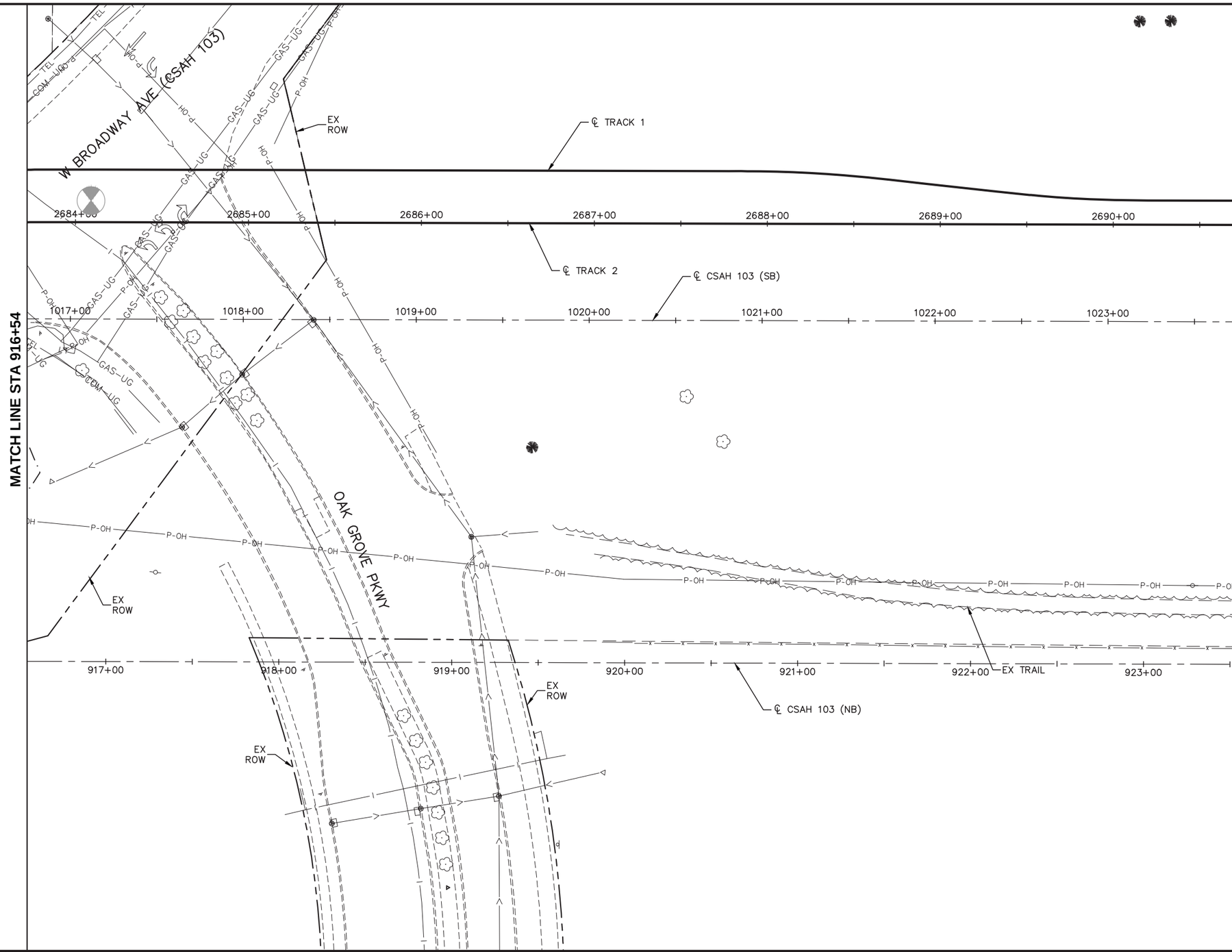
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 909+54 TO STA 916+54

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-038

SHEET 44 OF 266

Dec, 07 2015 03:39 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



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HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BrooklynPark LRT

METROPOLITAN COUNCIL

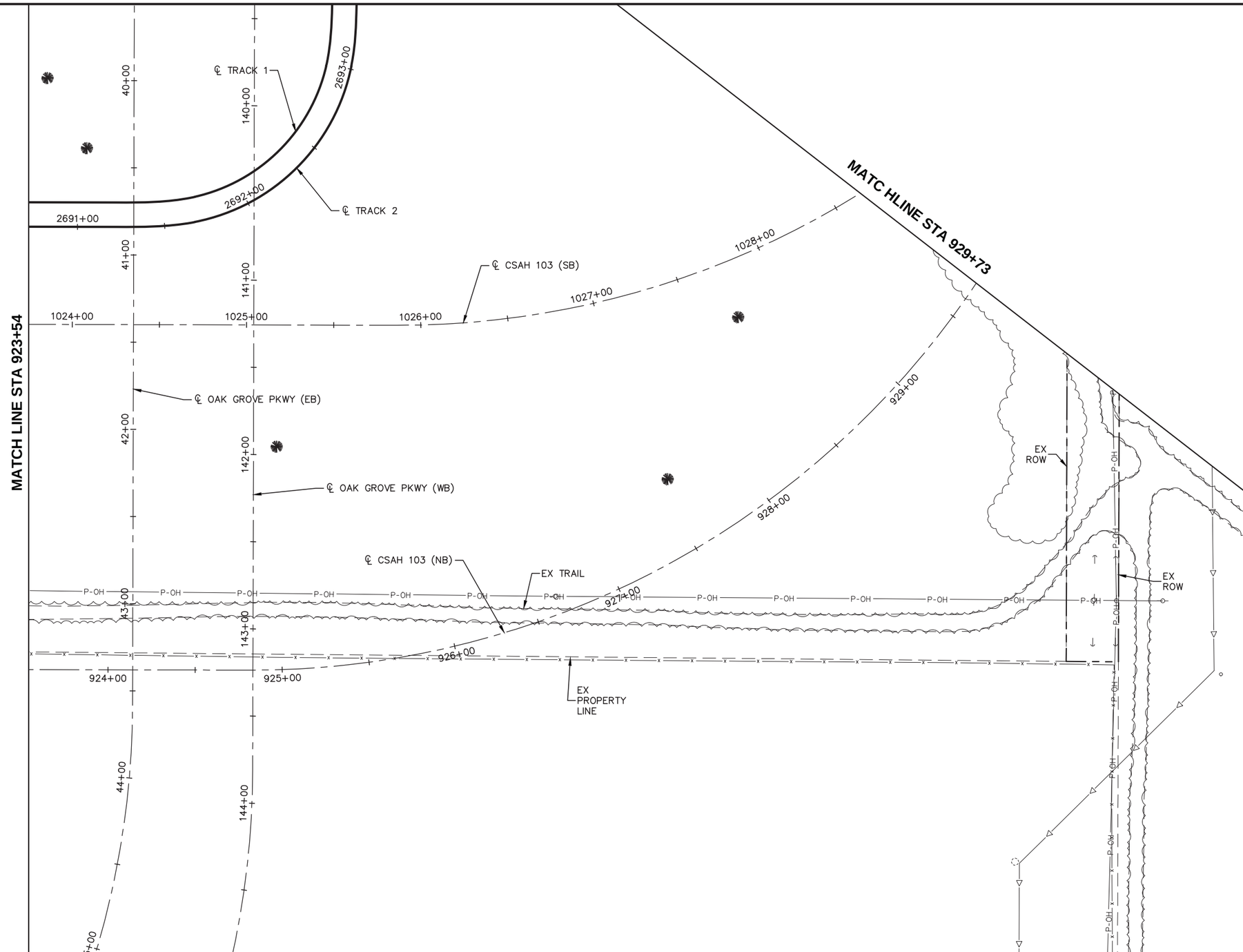
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 916+54 TO STA 923+54

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-039

SHEET 45 OF 266

Dec, 08 2015 11:54 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: nhuynh



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HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

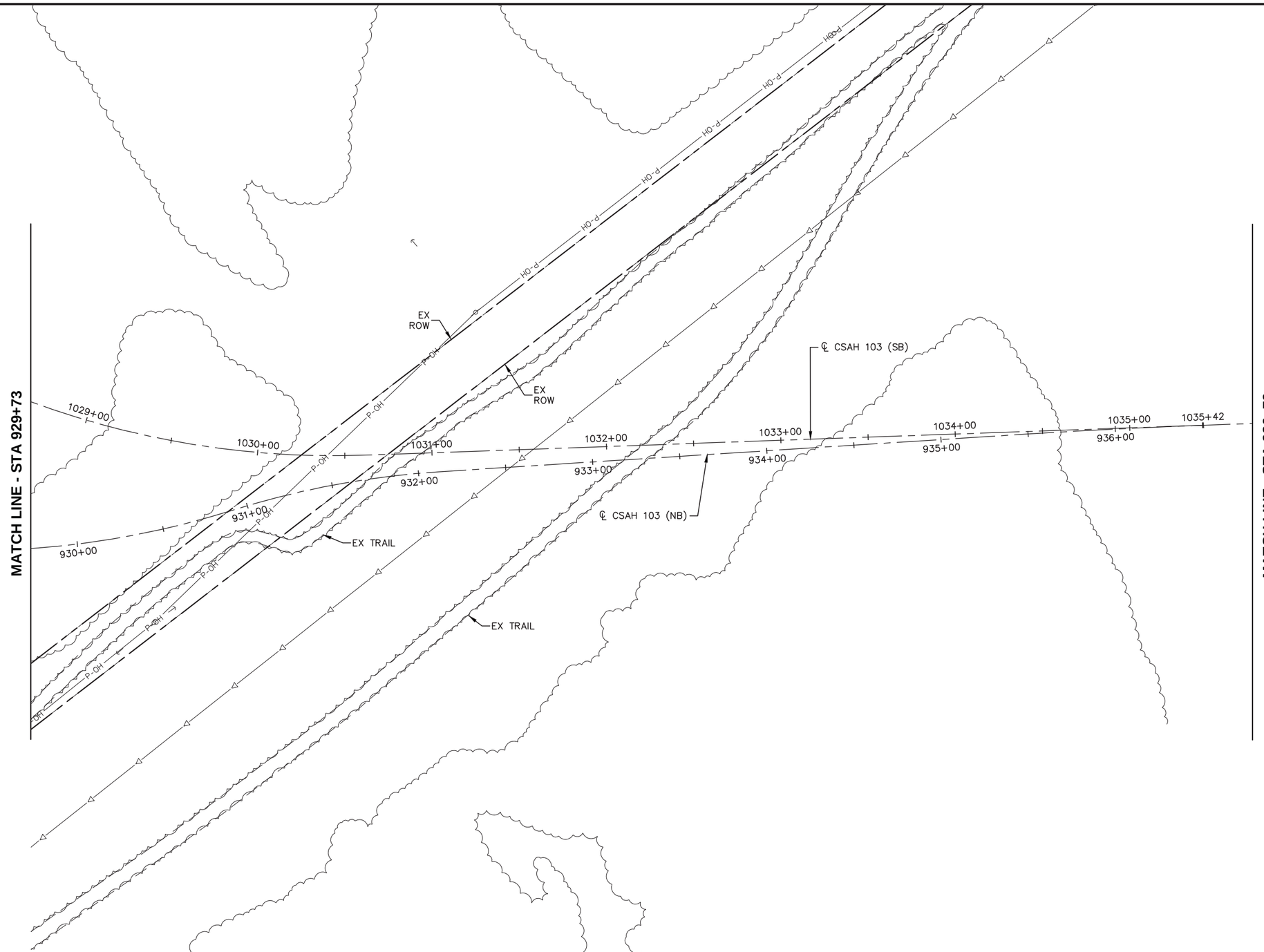
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 923+54 TO STA 929+73

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-040

SHEET 46 OF 266

Dec, 07 2015 03:41 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



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SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

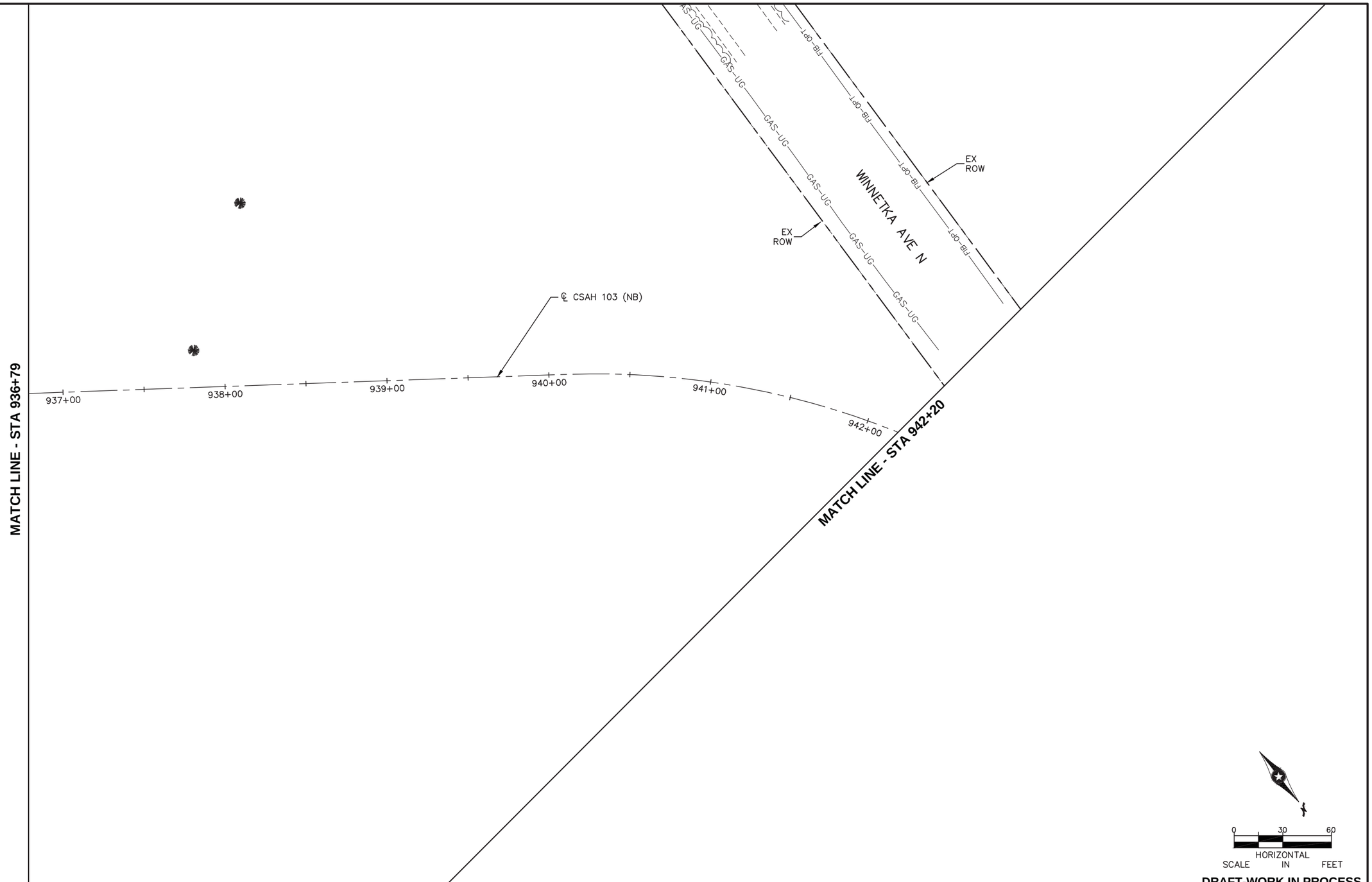
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 929+73 TO STA 936+79

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-041

SHEET 47 OF 266

Dec, 07 2015 03:41 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

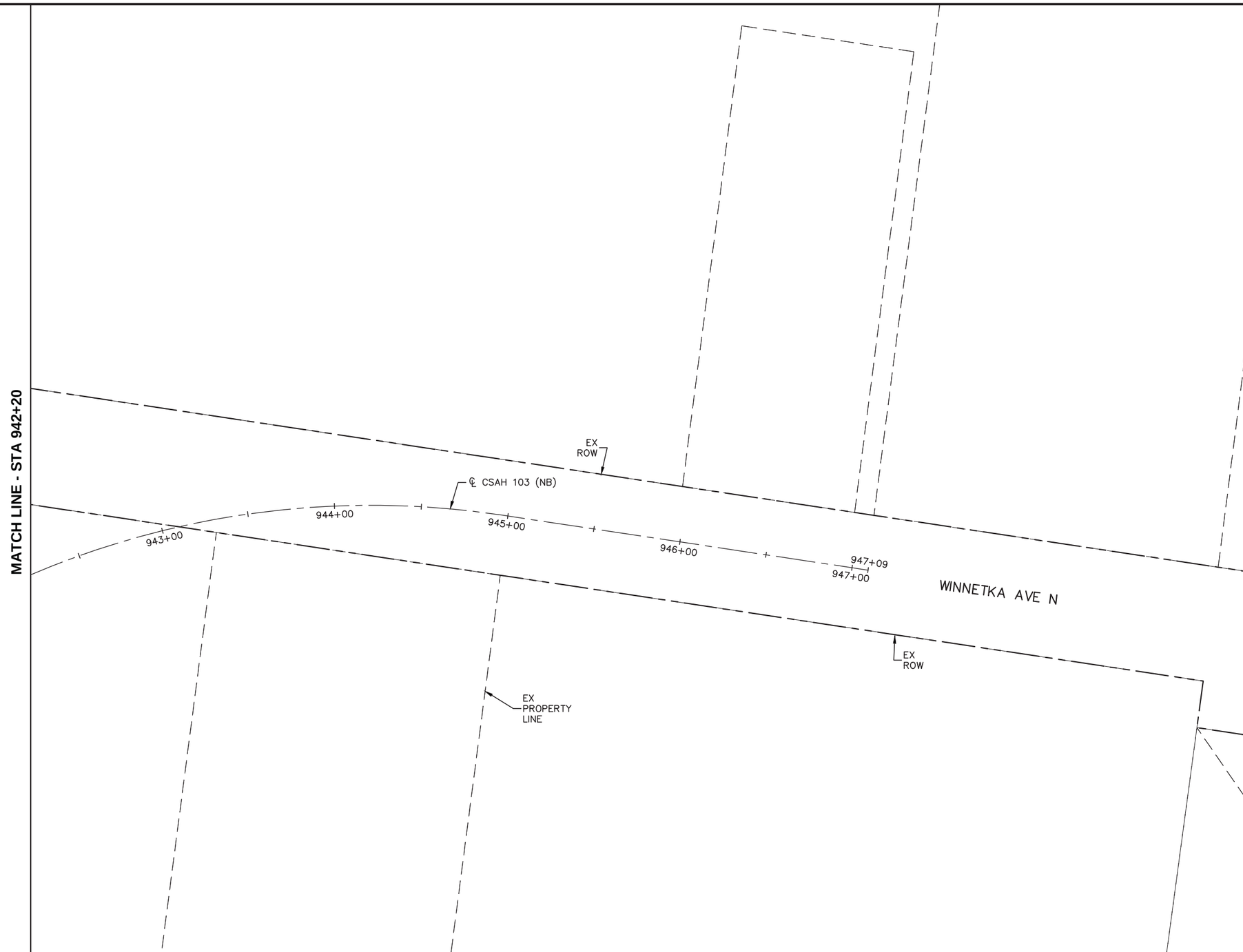
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 936+79 TO STA 942+20

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-042

SHEET 48 OF 266

Dec, 07 2015 03:42 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



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HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

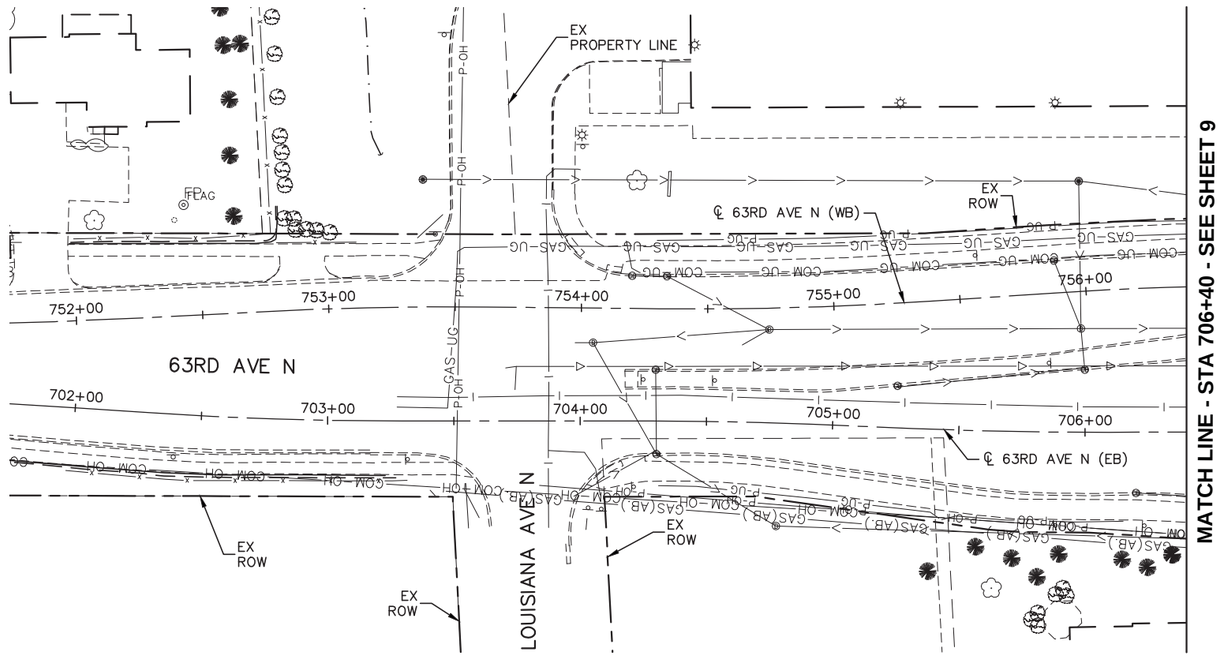
SEGMENT BP
W BROADWAY AVE (CSAH 103)
EXISTING CONDITIONS
STA 942+20 TO STA 947+09

DISCIPLINE: **SURVEY**

SHEET NAME: **BP-EXCON-PLN-043**

SHEET **49** OF **266**

Dec, 07 2015 03:43 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
63RD AVE N
EXISTING CONDITIONS
STA 701+74 TO STA 706+40

DISCIPLINE: **SURVEY**

SHEET NAME: **BP-EXCON-PLN-044**

SHEET **50** OF **266**

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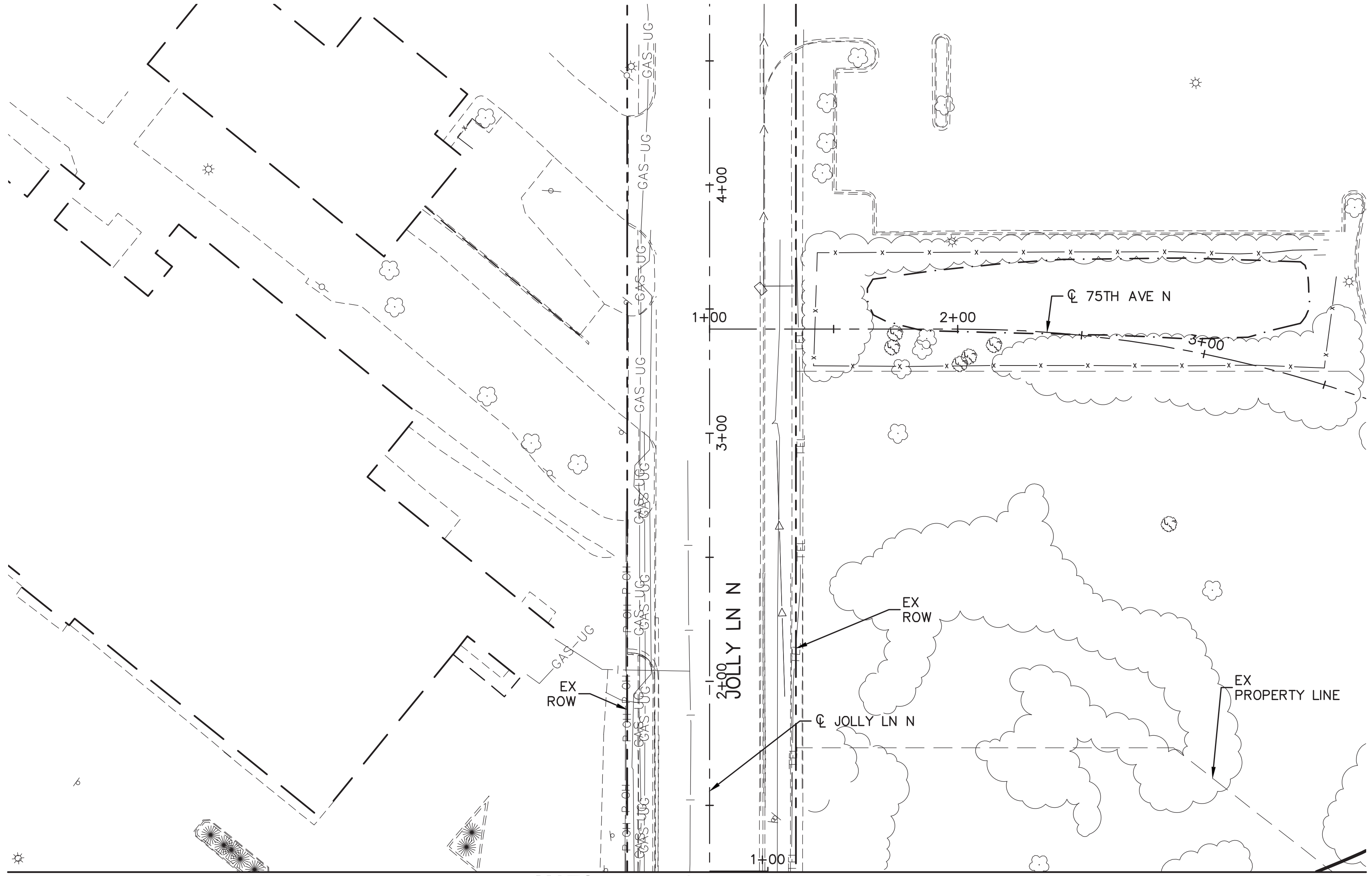

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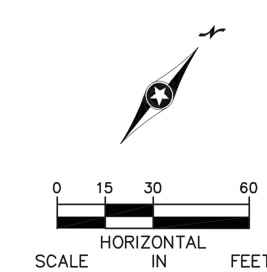


DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

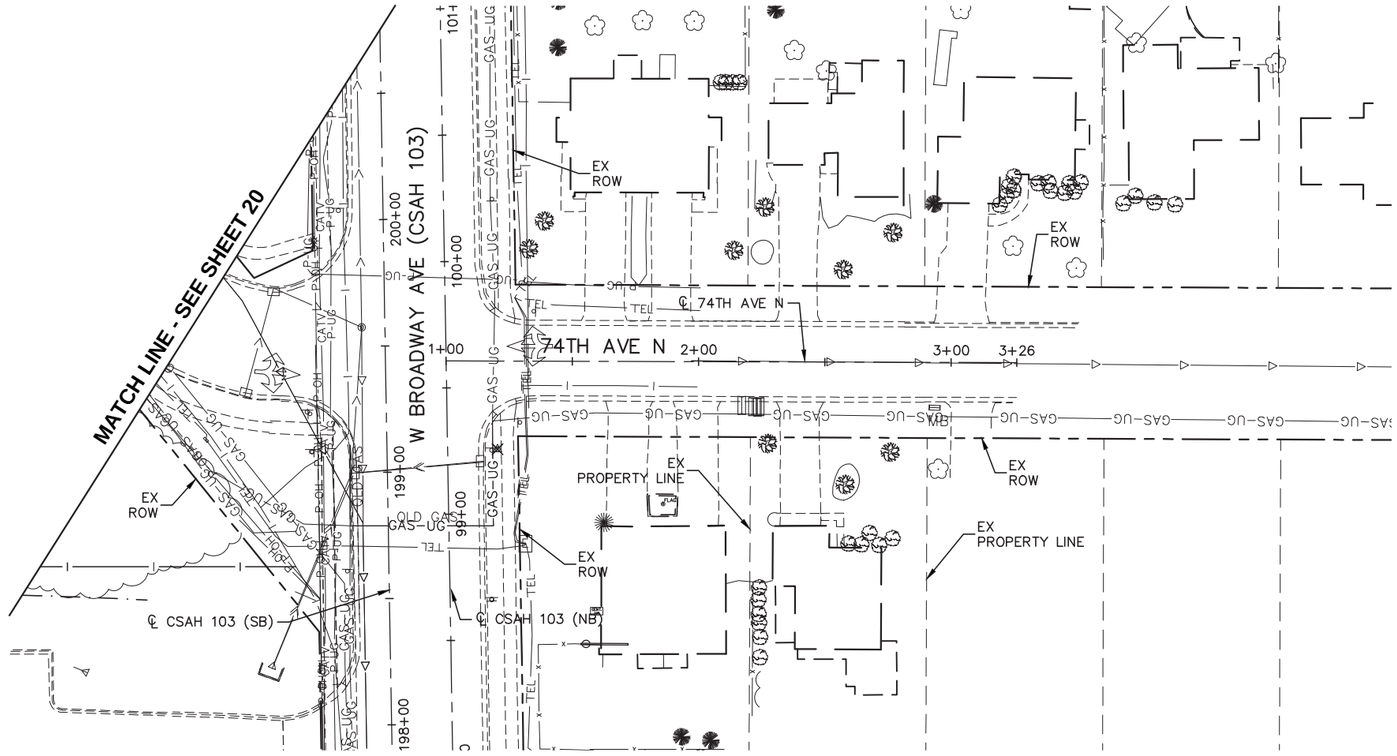
SEGMENT BP
75TH AVE N / JOLLY LN N
EXISTING CONDITIONS
STA 1+00 TO STA 4+72

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-045

SHEET 51 OF 266

Dec, 07 2015 03:16 pm H: \BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-EXCON-PLN.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

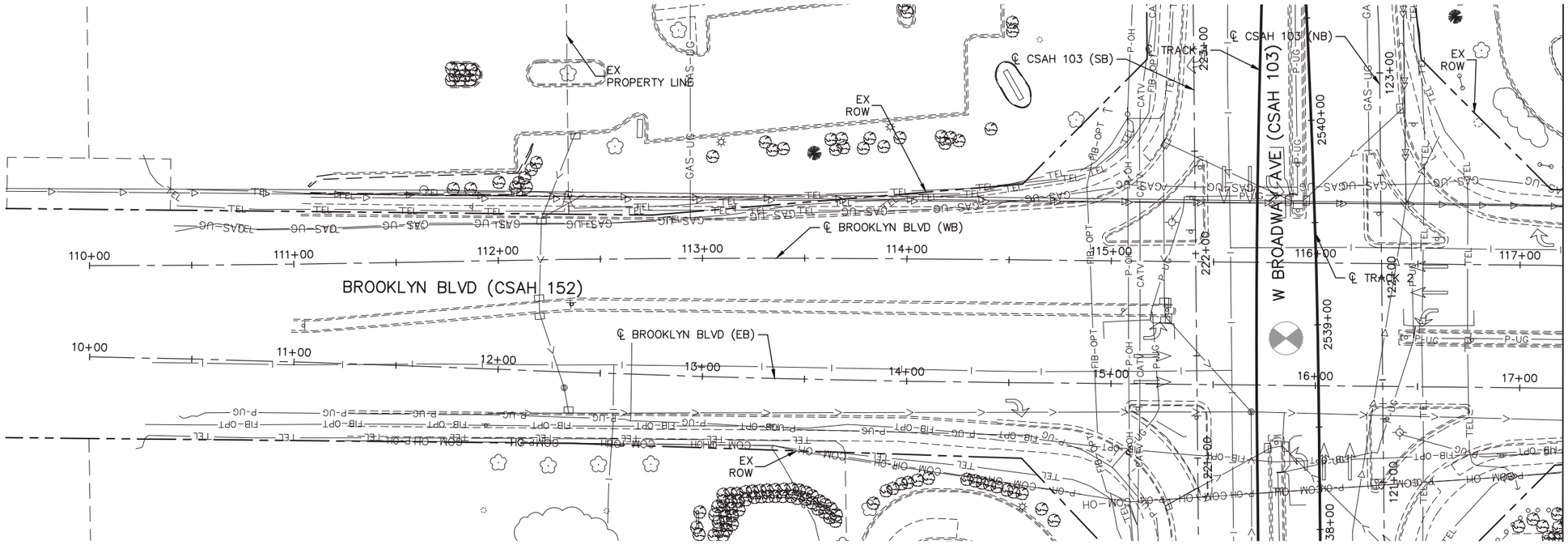
SEGMENT BP
74TH AVE N / JOLLY LN N
EXISTING CONDITIONS
STA 1+00 TO STA 3+26

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-046

SHEET 52 OF 266

Dec, 07 2015 03:16 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-EXCON-PLN.dwg By: mhuynh



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SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

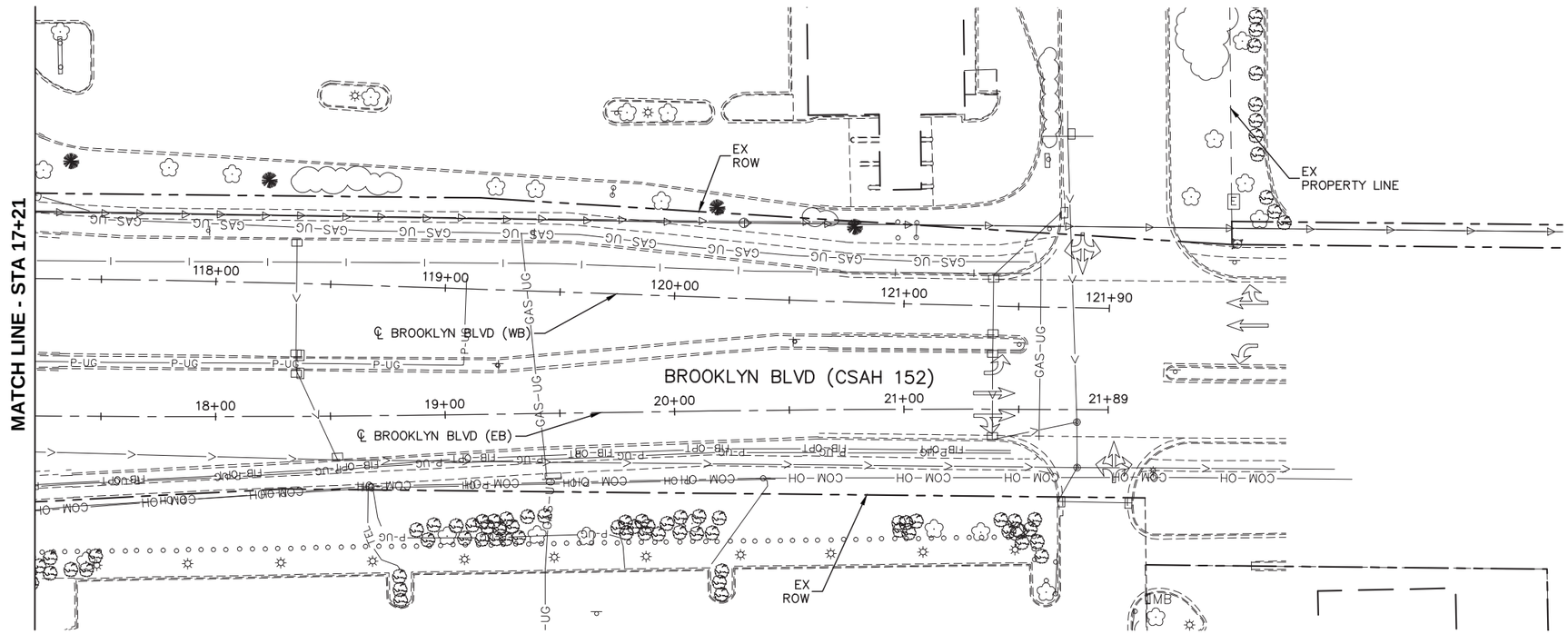
SEGMENT BP
BROOKLYN BLVD
EXISTING CONDITIONS
STA 10+00 TO STA 17+21

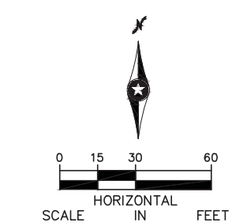
DISCIPLINE: **SURVEY**

SHEET NAME: **BP-EXCON-PLN-047**

SHEET 53 OF 266

Dec, 07 2015 03:16 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-EXCON-PLN.dwg By: mhuynh





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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
BROOKLYN BLVD
EXISTING CONDITIONS
STA 17+21 TO STA 21+89

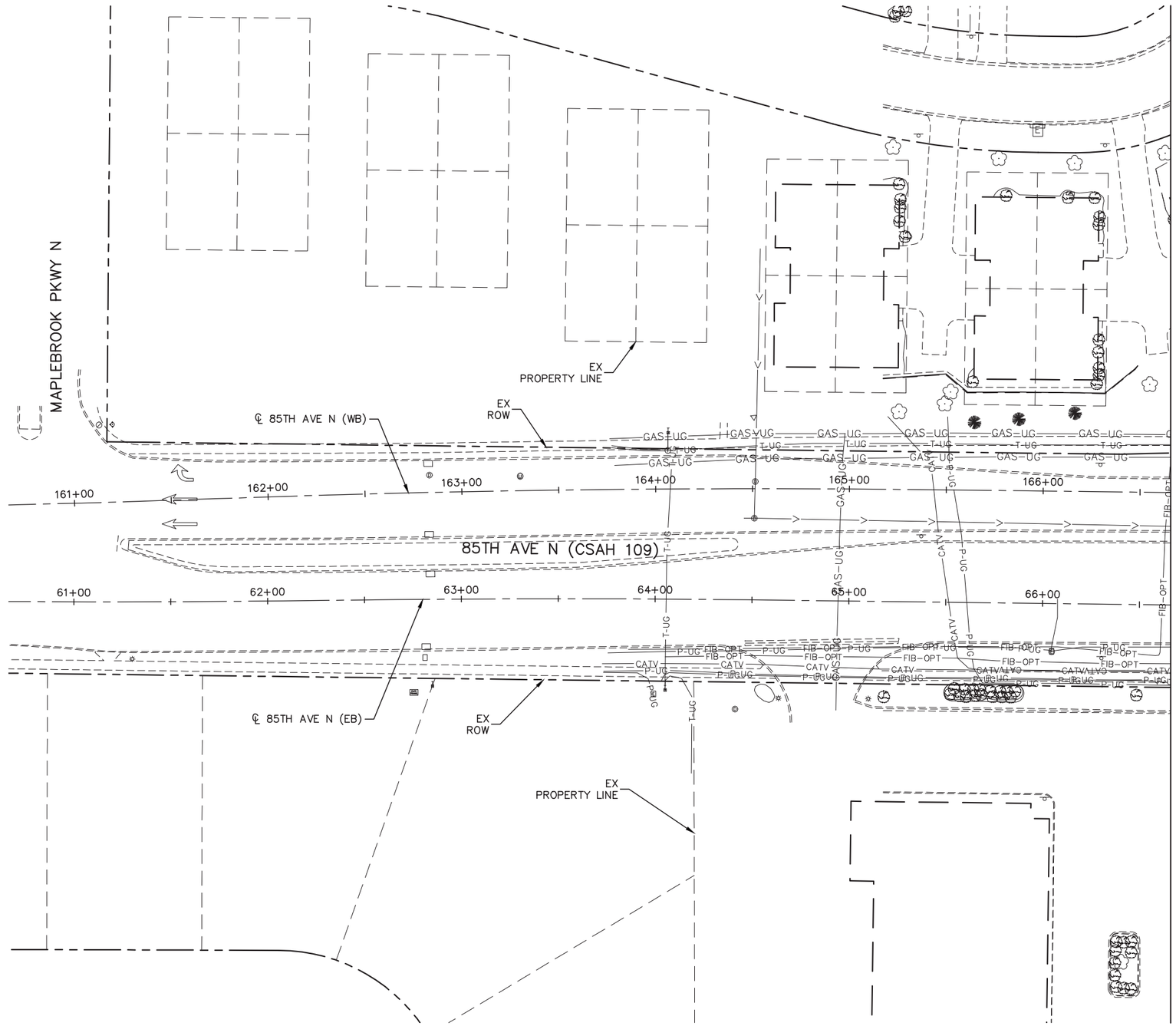
DISCIPLINE: SURVEY

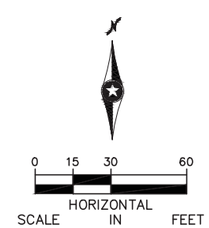
SHEET NAME: BP-EXCON-PLN-048

SHEET 54 OF 266

Dec, 07 2015 03:16 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-EXCON-PLN.dwg By: mhuynh

NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

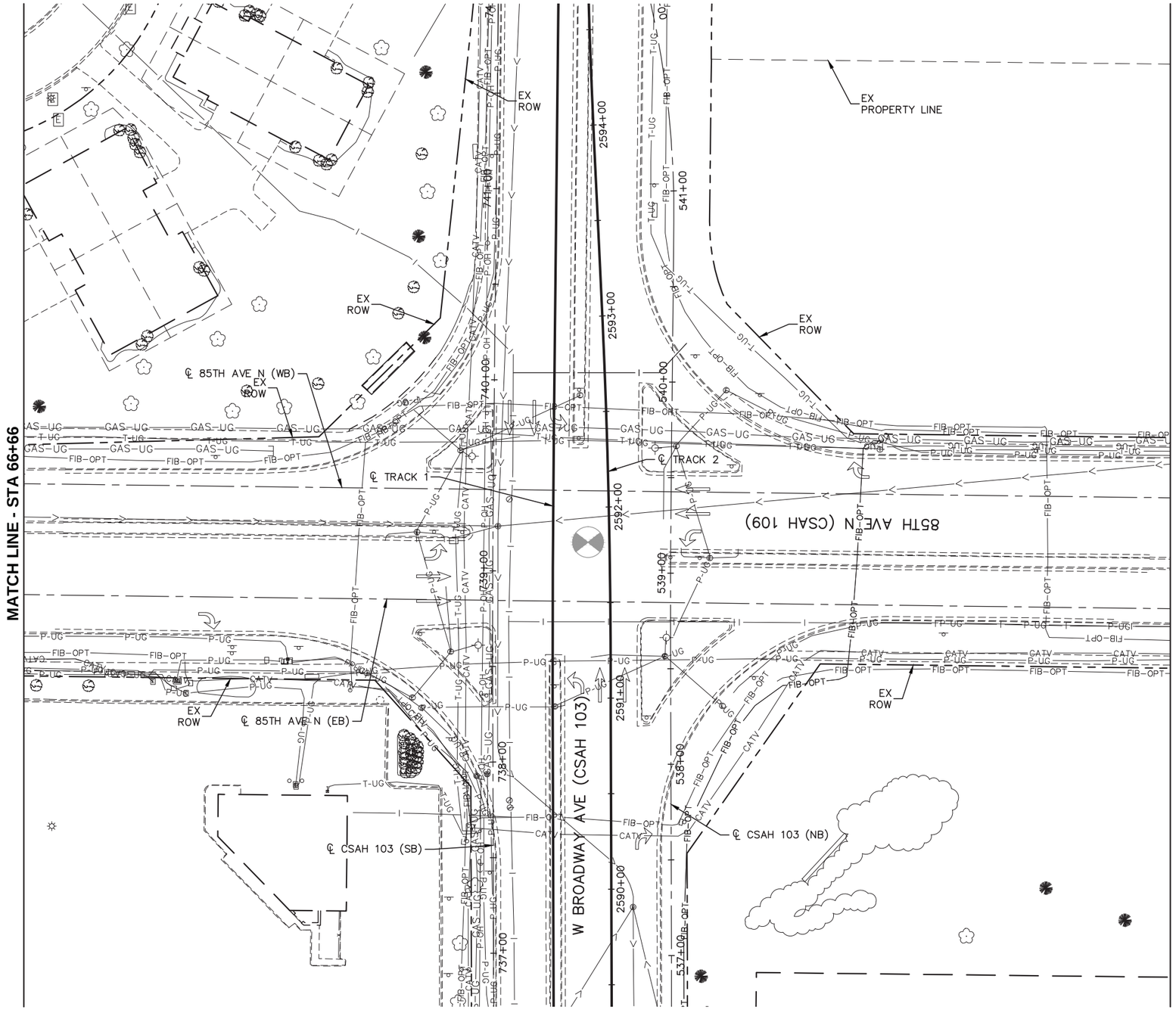
SEGMENT BP
85TH AVE N
EXISTING CONDITIONS
STA 60+66 TO STA 66+66

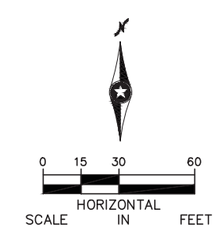
DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-049

SHEET 55 OF 266

Dec, 07 2015 03:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: mhuynh

NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA:500+00 TO STA:597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

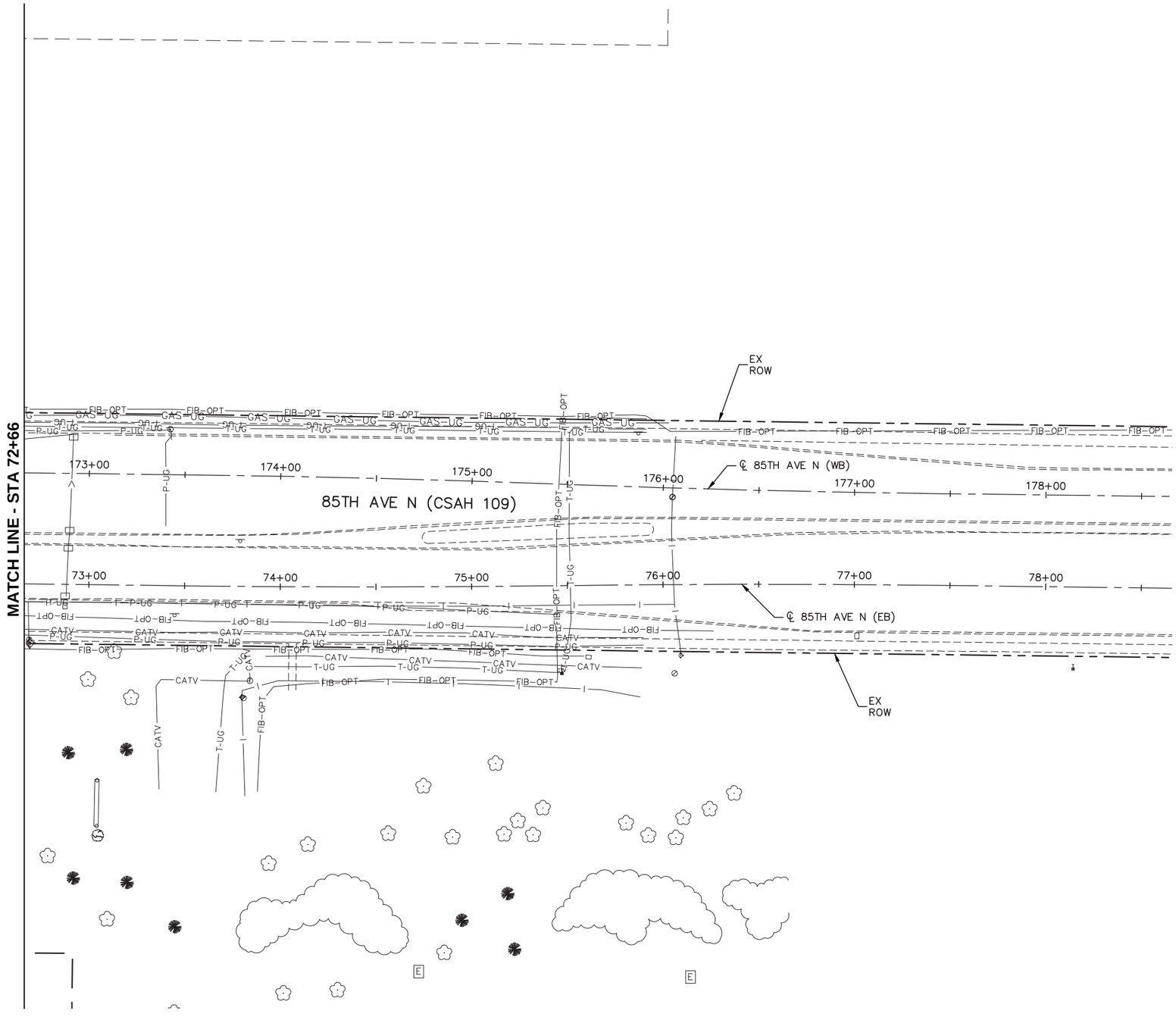
SEGMENT BP
85TH AVE N
EXISTING CONDITIONS
STA 66+66 TO STA 72+66

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-050

SHEET 56 OF 266

Dec, 08 2015 10:18 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1--EXCON-PLN.dwg By: gstanley

NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA:500+00 TO STA:597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



0 15 30 60
SCALE HORIZONTAL IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION
METROPOLITAN COUNCIL

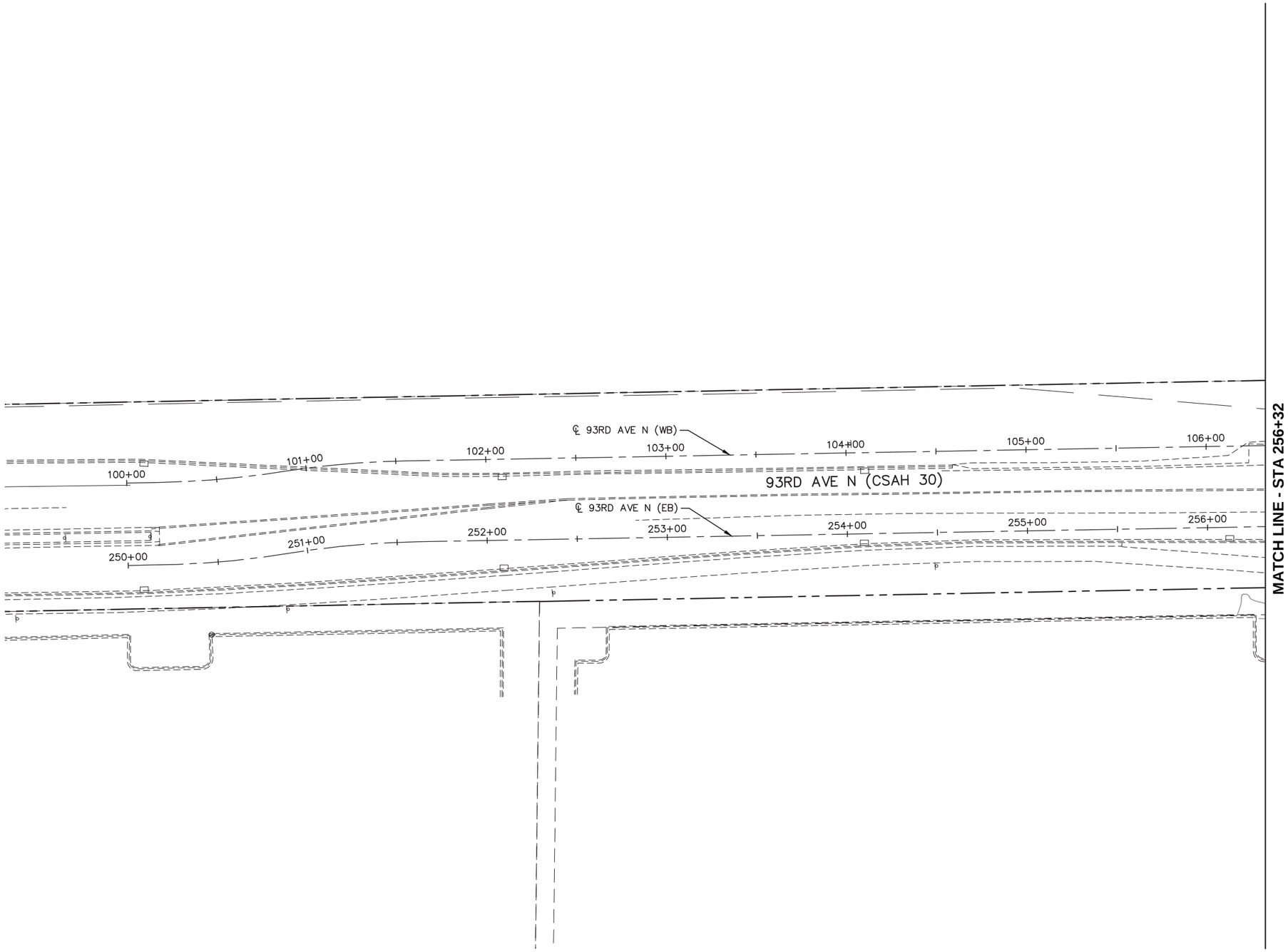
SEGMENT BP
85TH AVE N
EXISTING CONDITIONS
STA 72+66 TO STA 78+66

DISCIPLINE: SURVEY
SHEET NAME: BP-EXCON-PLN-051

SHEET 57 OF 266

Dec, 07 2015 03:20 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1---EXCON-PLN.dwg By: mhuynh

NOTE:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239/0514/1411 AND ARE DEPICTED FOR REFERENCE ONLY.



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SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

(PRINT NAME)

DATE: XX/XX/XX LIC. NO.: XXXXX

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

SEGMENT BP
93RD AVE N
EXISTING CONDITIONS
STA 250+00 TO STA 256+32

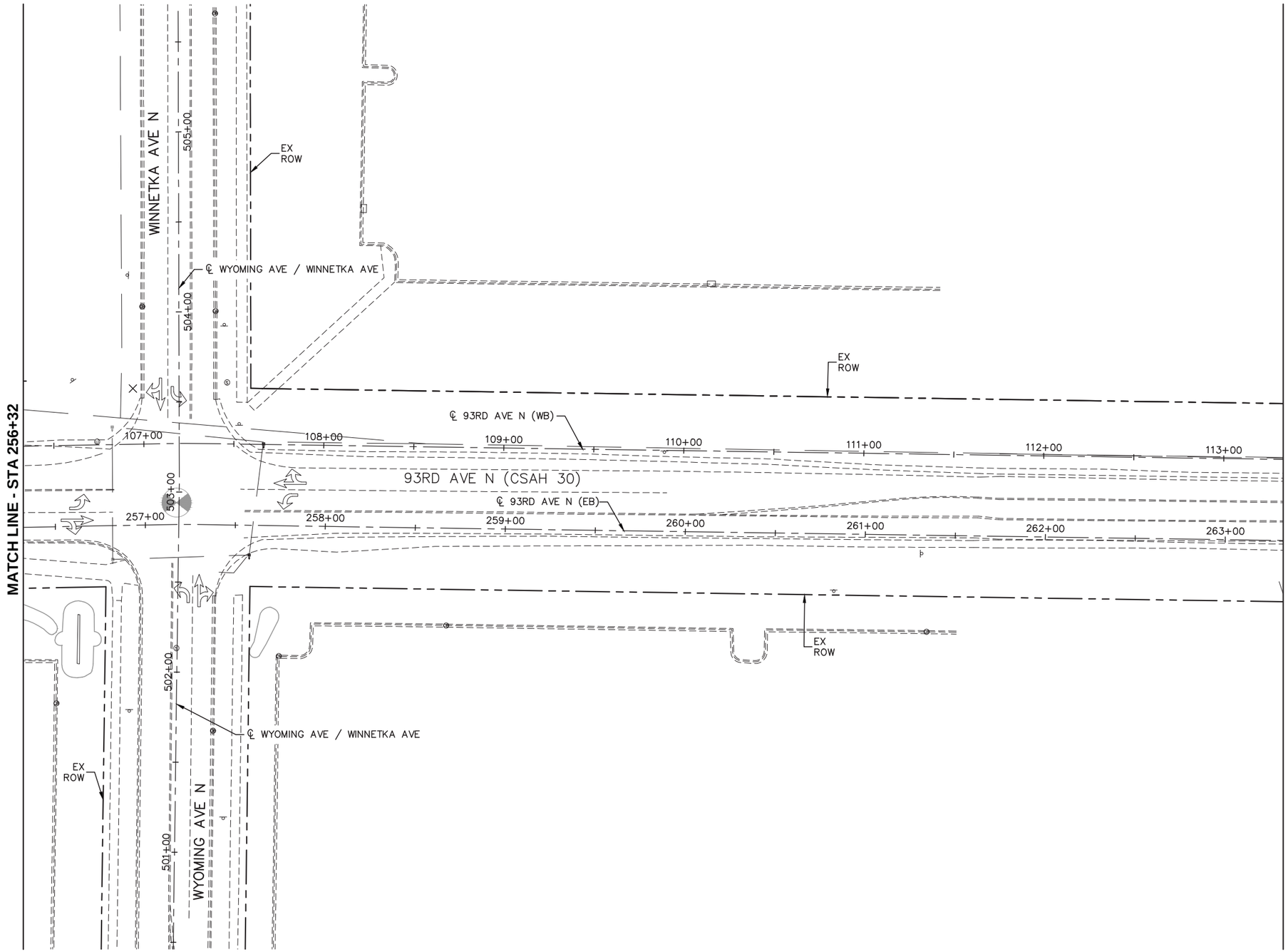
DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-052

SHEET 58 OF 266

Dec, 08 2015 03:46 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-93RD.dwg By: mhuynh

NOTE:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239/0514/1411 AND ARE DEPICTED FOR REFERENCE ONLY.



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SCALE HORIZONTAL IN FEET

DRAFT-WORK IN PROCESS

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DATE: XX/XX/XX LIC. NO.: XXXXX

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

SEGMENT BP
93RD AVE N
EXISTING CONDITIONS
STA 256+32 TO STA 263+33

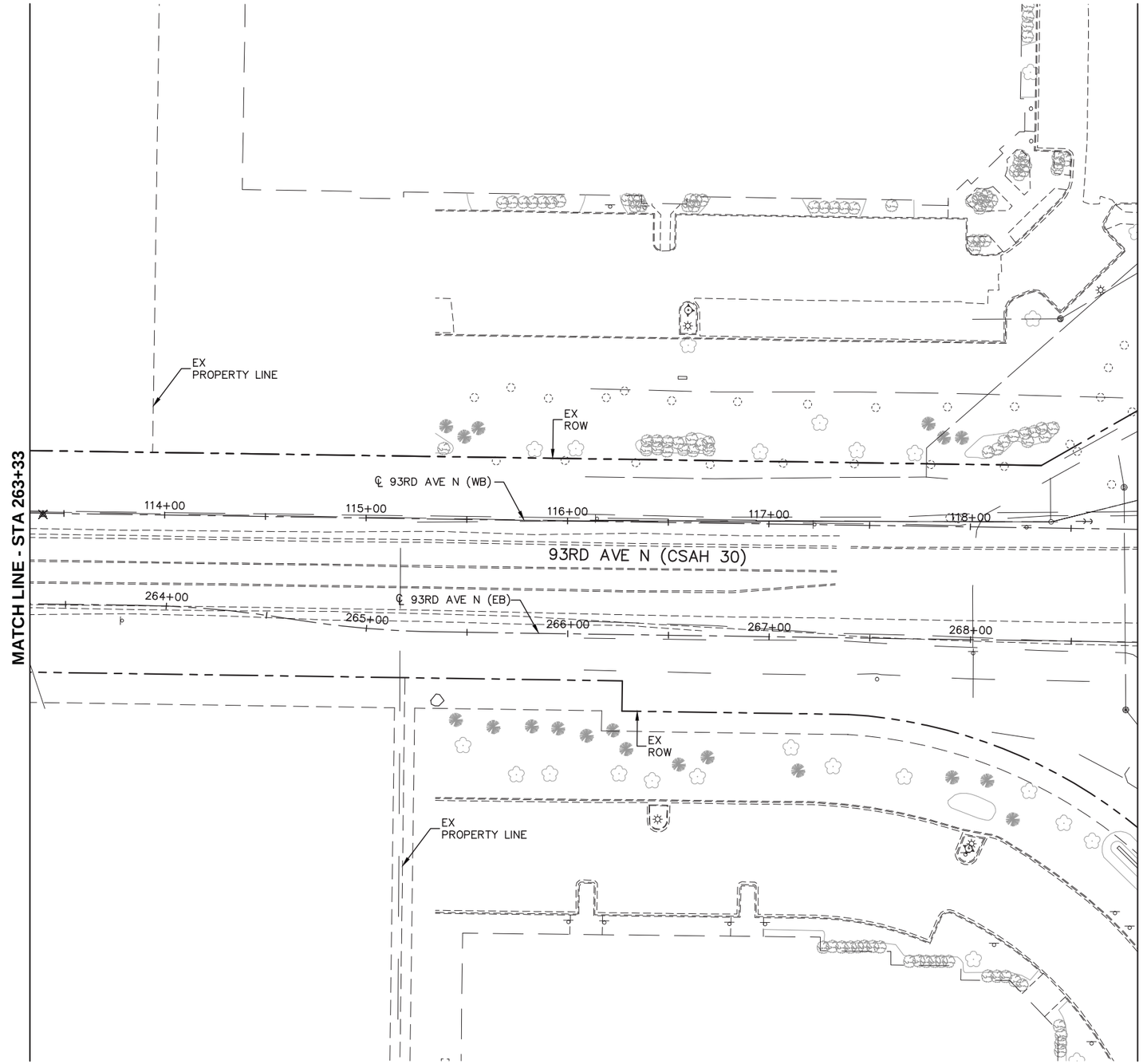
DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-053

SHEET 59 OF 266

Dec, 08 2015 03:46 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-93RD.dwg By: mhuynh

NOTE:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239/0514/1411 AND ARE DEPICTED FOR REFERENCE ONLY.



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HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

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(PRINT NAME)

DATE: XX/XX/XX LIC. NO.: XXXXX

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

SEGMENT BP
93RD AVE N
EXISTING CONDITIONS
STA 263+33 TO STA 268+83

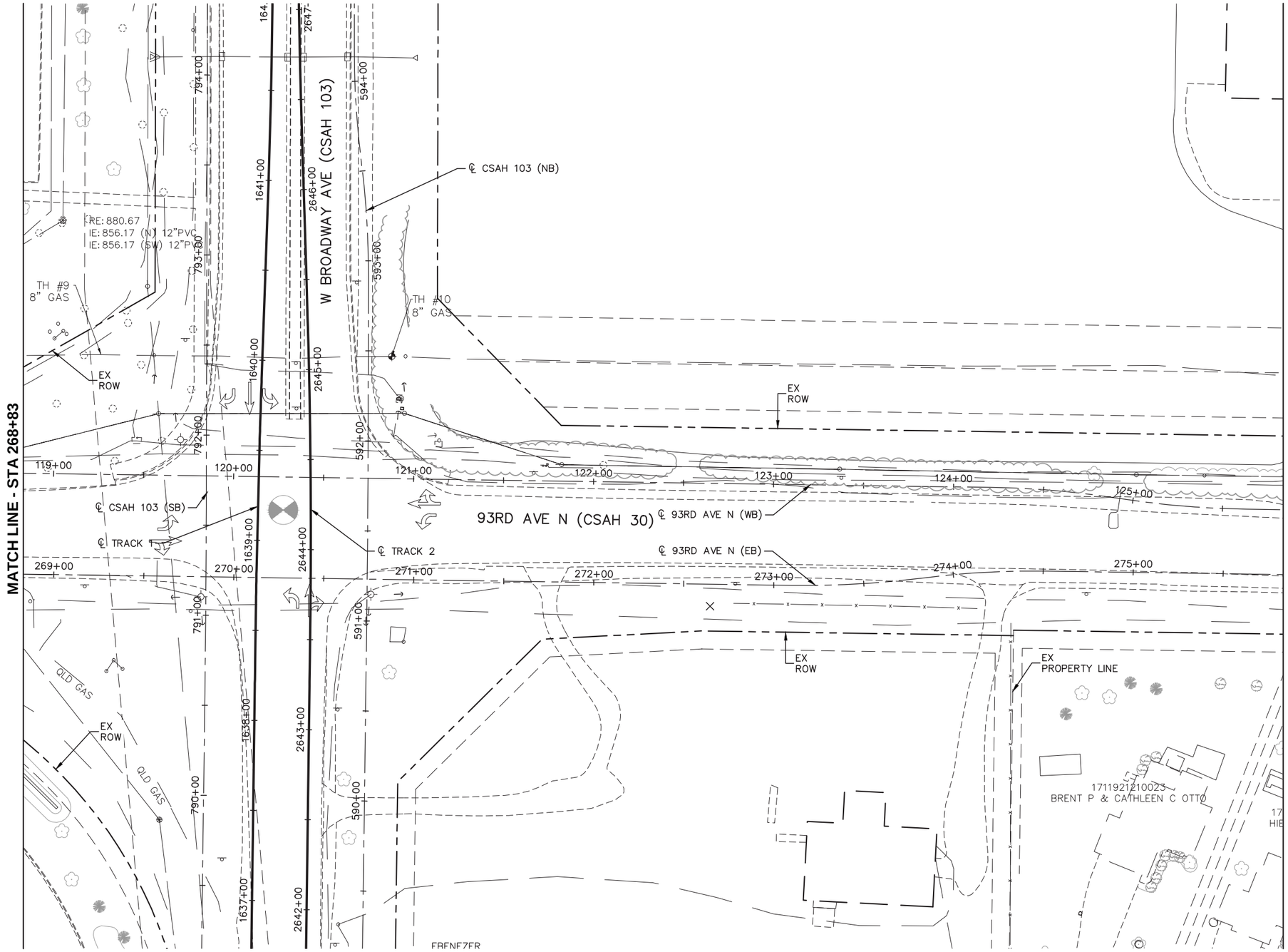
DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-054

SHEET 60 OF 266

Dec, 08 2015 03:47 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-93RD.dwg By: mhuynh

NOTE:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239/0514/1411 AND ARE DEPICTED FOR REFERENCE ONLY.



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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(PRINT NAME)

DATE: XX/XX/XX LIC. NO.: XXXXX

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

SEGMENT BP
93RD AVE N
EXISTING CONDITIONS
STA 268+83 TO STA 275+83

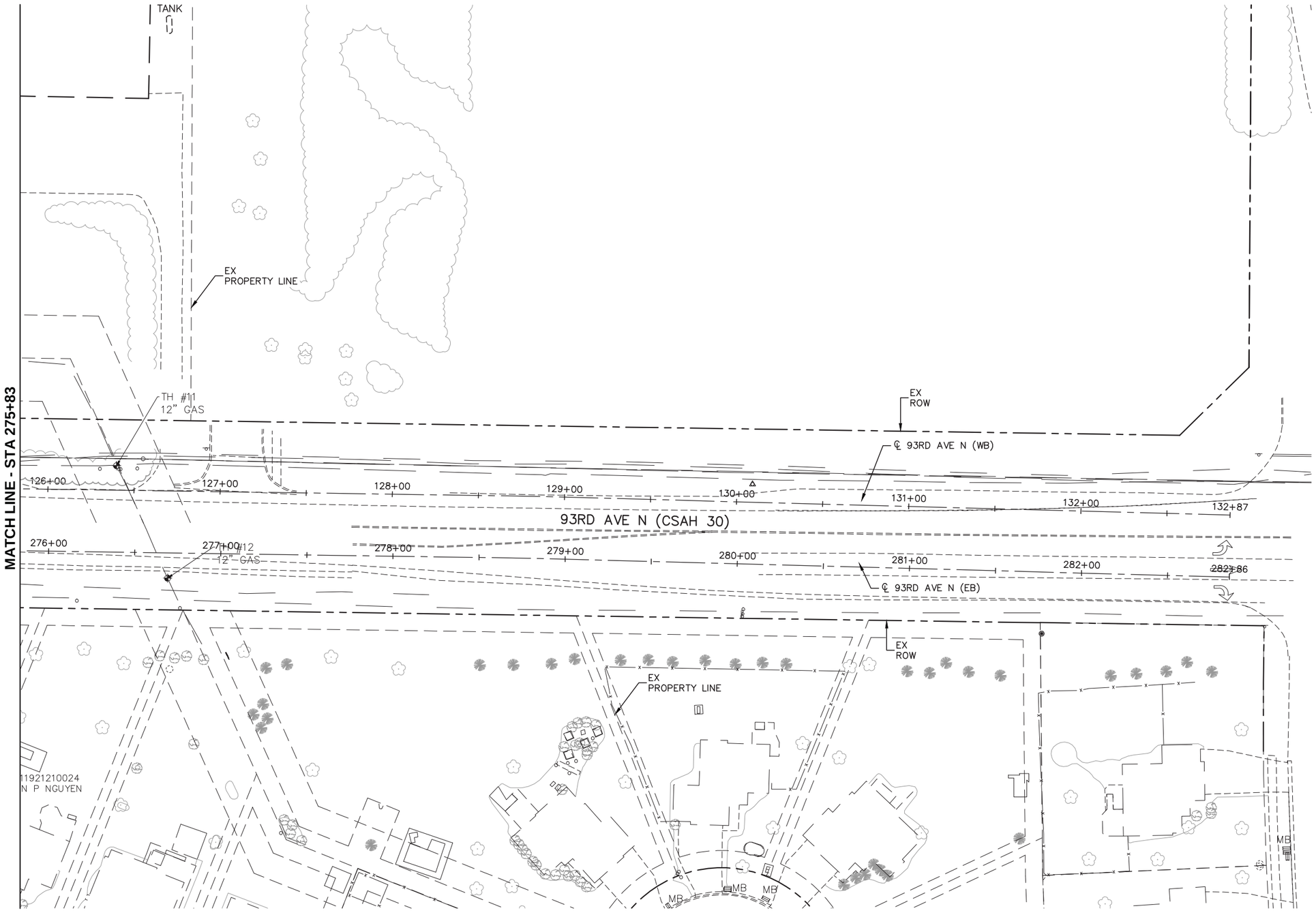
DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-055

SHEET 61 OF 266

Dec, 08 2015 03:47 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-93RD.dwg By: mhuynh

NOTE:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239/0514/1411 AND ARE DEPICTED FOR REFERENCE ONLY.



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HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed Professional Engineer under the laws of the State of Minnesota.

(PRINT NAME)

DATE: XX/XX/XX LIC. NO.: XXXXX

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

SEGMENT BP
93RD AVE N
EXISTING CONDITIONS
STA 275+83 TO STA 282+86

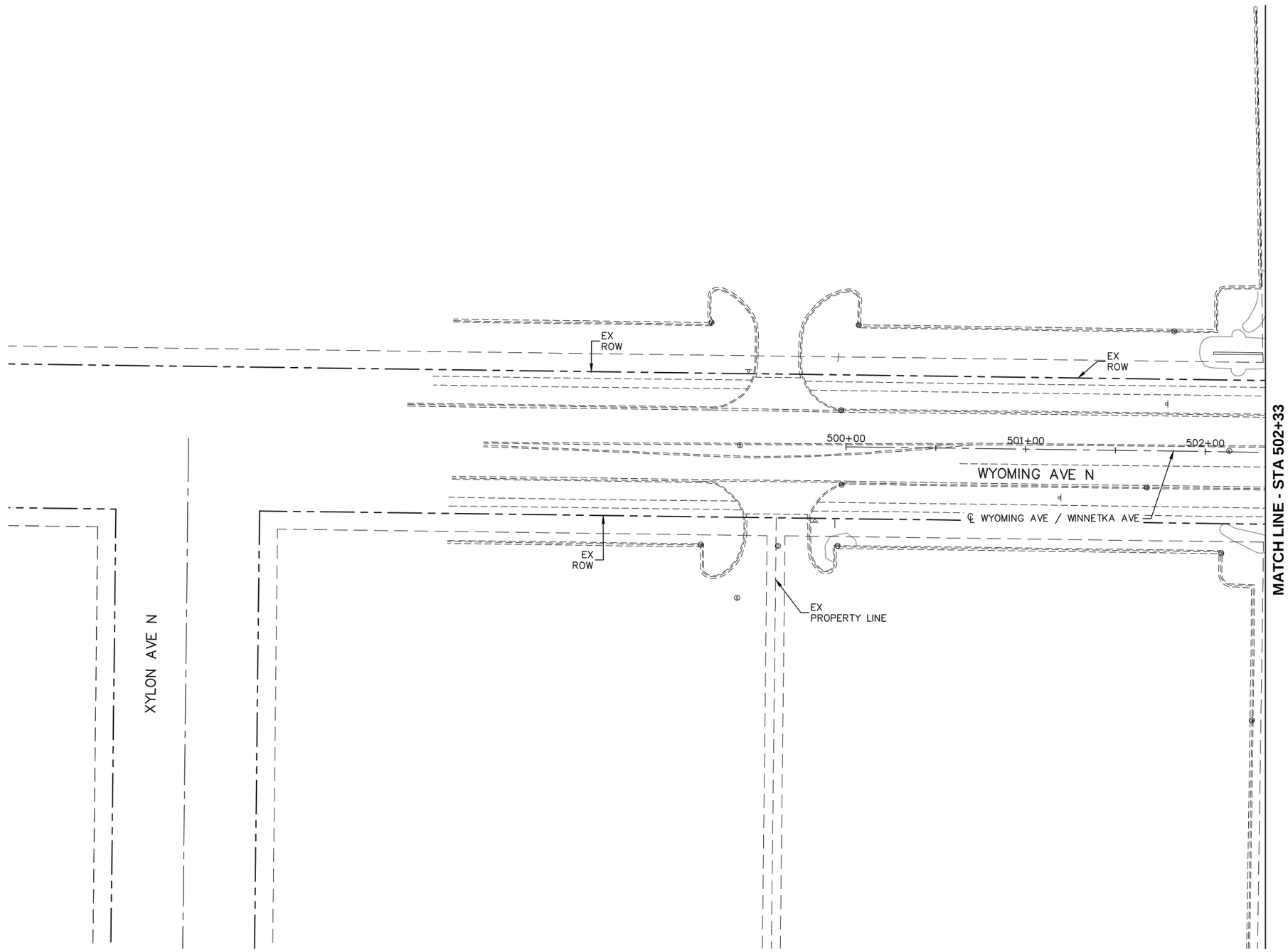
DISCIPLINE: **SURVEY**

SHEET NAME: **BP-EXCON-PLN-056**

SHEET 62 OF 266

Dec, 08 2015 03:47 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-93RD.dwg By: mhuynh

NOTE:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239/0514/1411 AND ARE DEPICTED FOR REFERENCE ONLY.



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

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(PRINT NAME)

DATE: XX/XX/XX LIC. NO.: XXXXX

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RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

SEGMENT BP
WYOMING AVE N / WINNETKA AVE N
EXISTING CONDITIONS
STA 500+00 TO STA 502+33

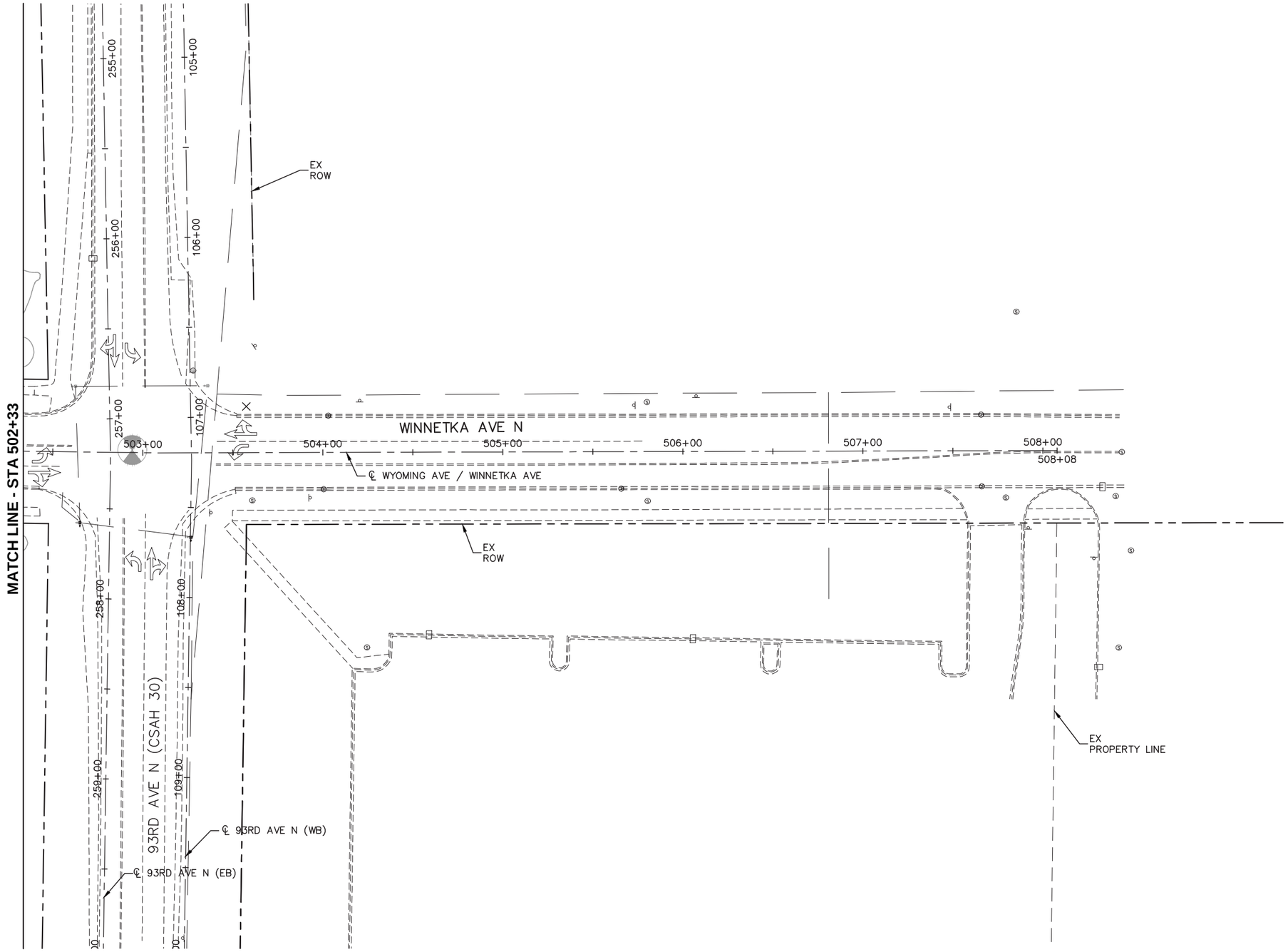
DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-057

SHEET 63 OF 266

Dec, 08 2015 03:48 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-93RD.dwg By: mhuynh

NOTE:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239/0514/1411 AND ARE DEPICTED FOR REFERENCE ONLY.



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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(PRINT NAME)

DATE: XX/XX/XX LIC. NO.: XXXXX

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RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION

METROPOLITAN COUNCIL

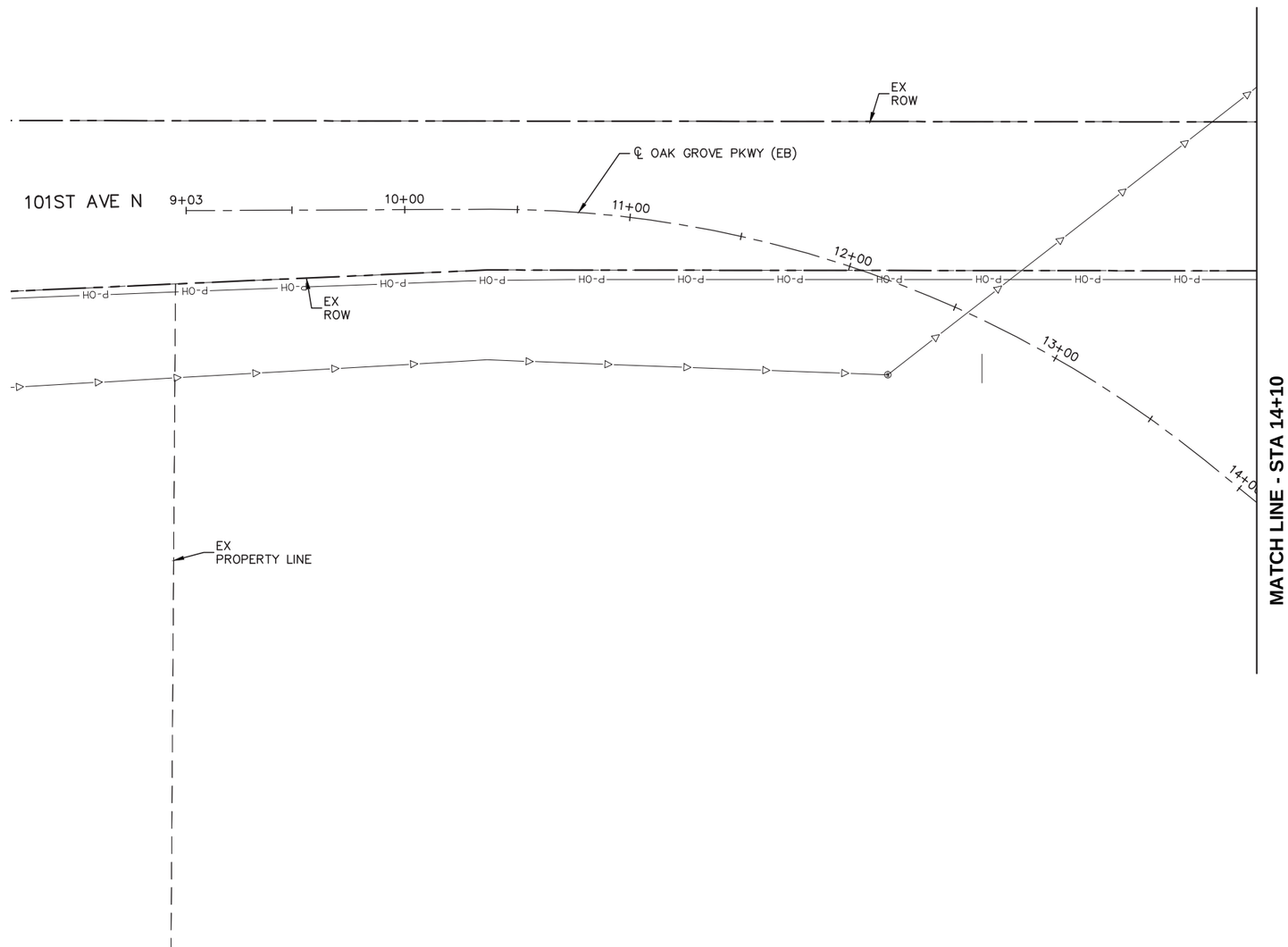
SEGMENT BP
WYOMING AVE N / WINNETKA AVE N
EXISTING CONDITIONS
STA 502+33 TO STA 508+08

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-058

SHEET 64 OF 266

Dec, 08 2015 03:48 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-93RD.dwg By: mhuynh



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

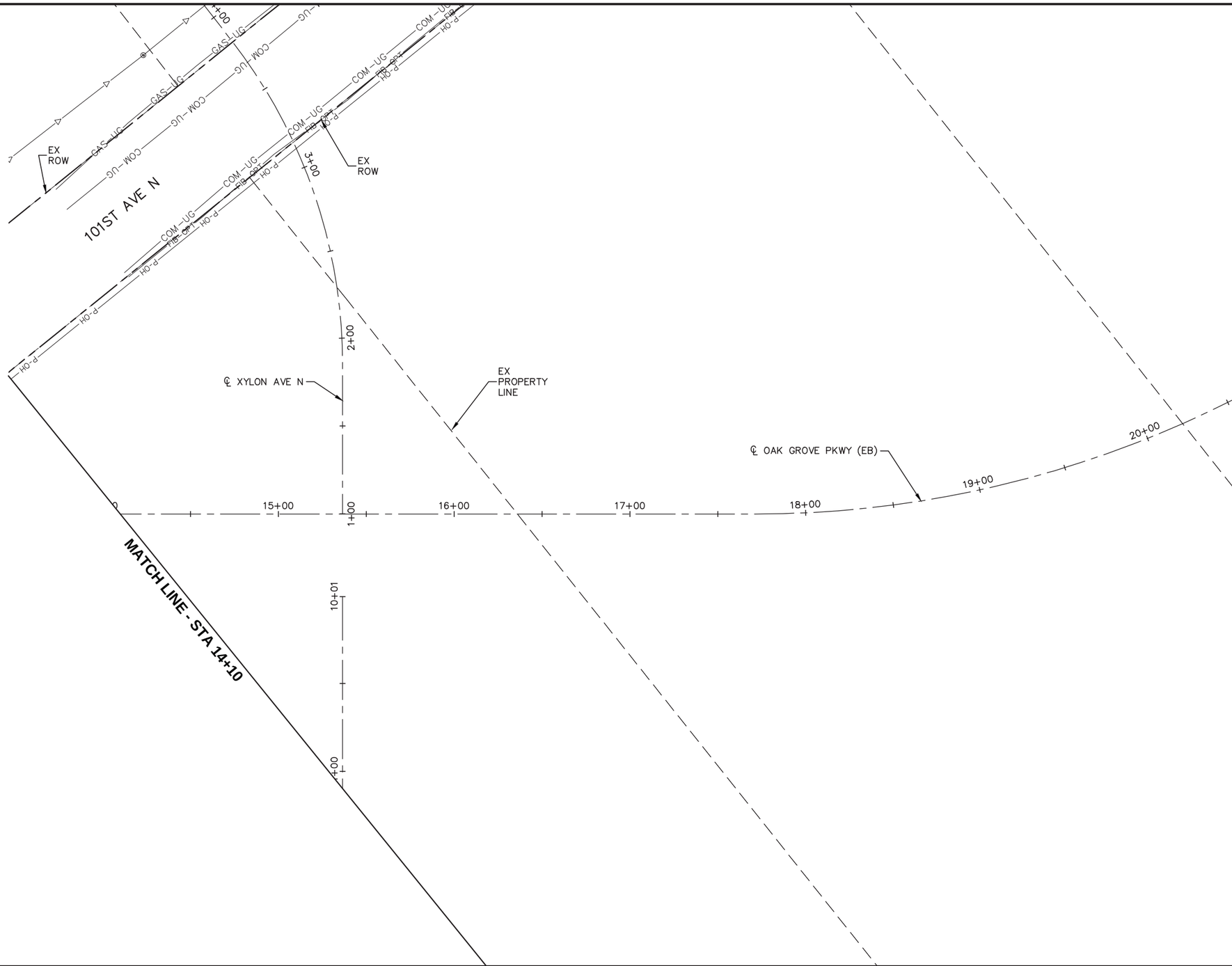
SEGMENT BP
OAK GROVE PKWY
EXISTING CONDITIONS
STA 9+03 TO STA 14+10

DISCIPLINE: **SURVEY**

SHEET NAME: **BP-EXCON-PLN-059**

SHEET **65** OF **266**

Dec, 07 2015 03:28 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



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DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

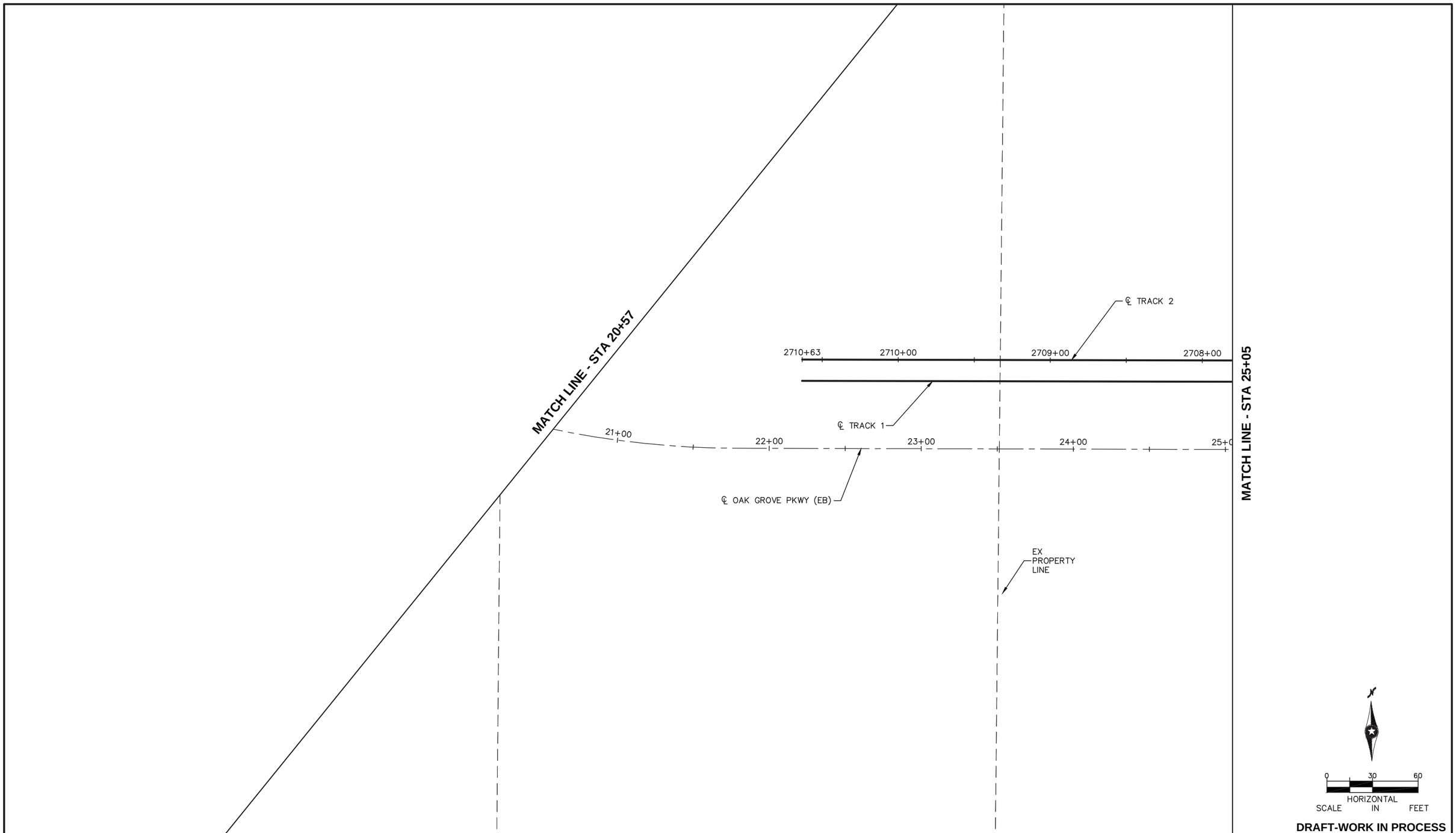
SEGMENT BP
OAK GROVE PKWY
EXISTING CONDITIONS
STA 14+10 TO STA 20+57

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-060

SHEET 66 OF 266

Dec, 07 2015 03:29 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

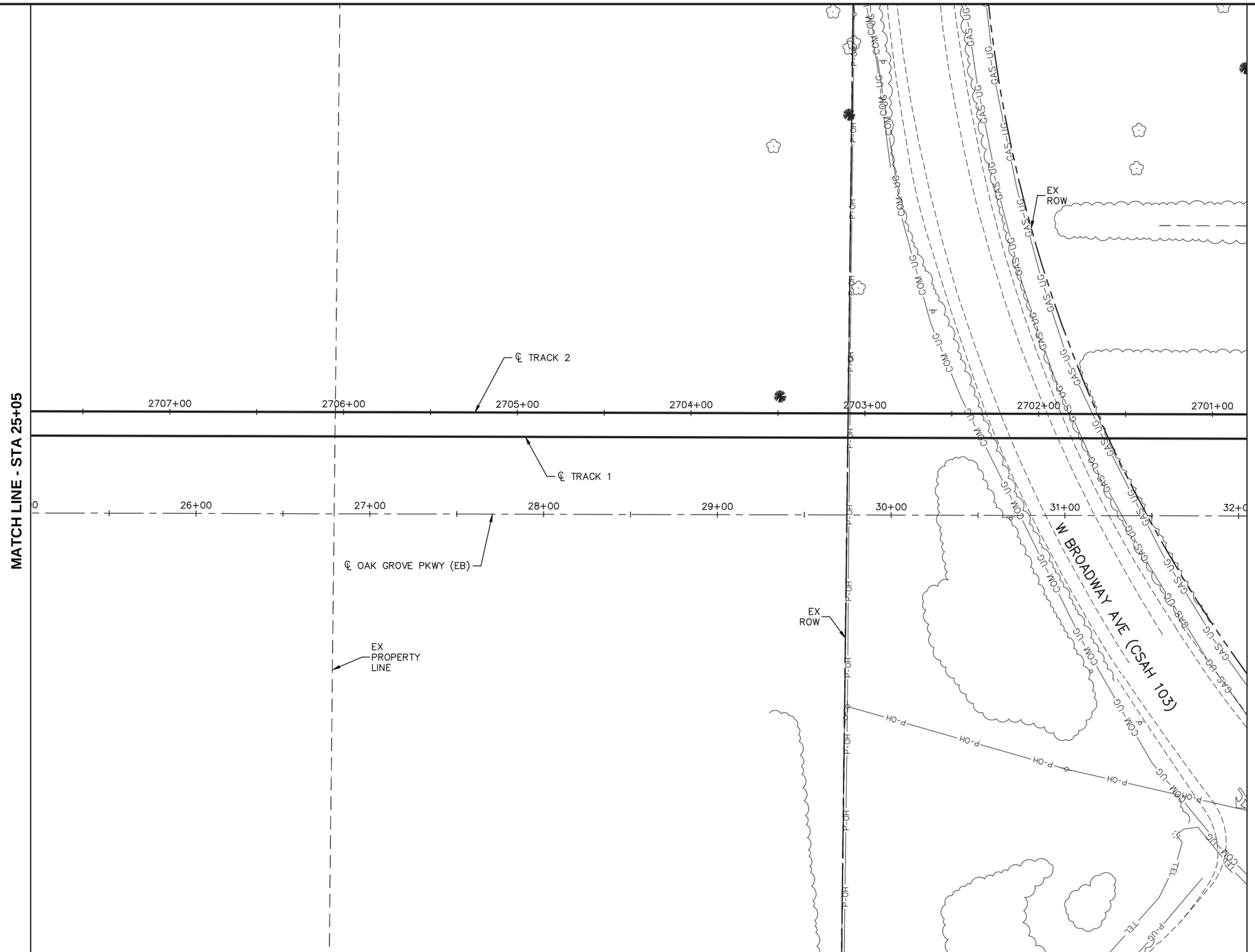
SEGMENT BP
OAK GROVE PKWY
EXISTING CONDITIONS
STA 20+57 TO STA 25+05

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-061

SHEET 67 OF 266

Dec, 07 2015 03:29 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

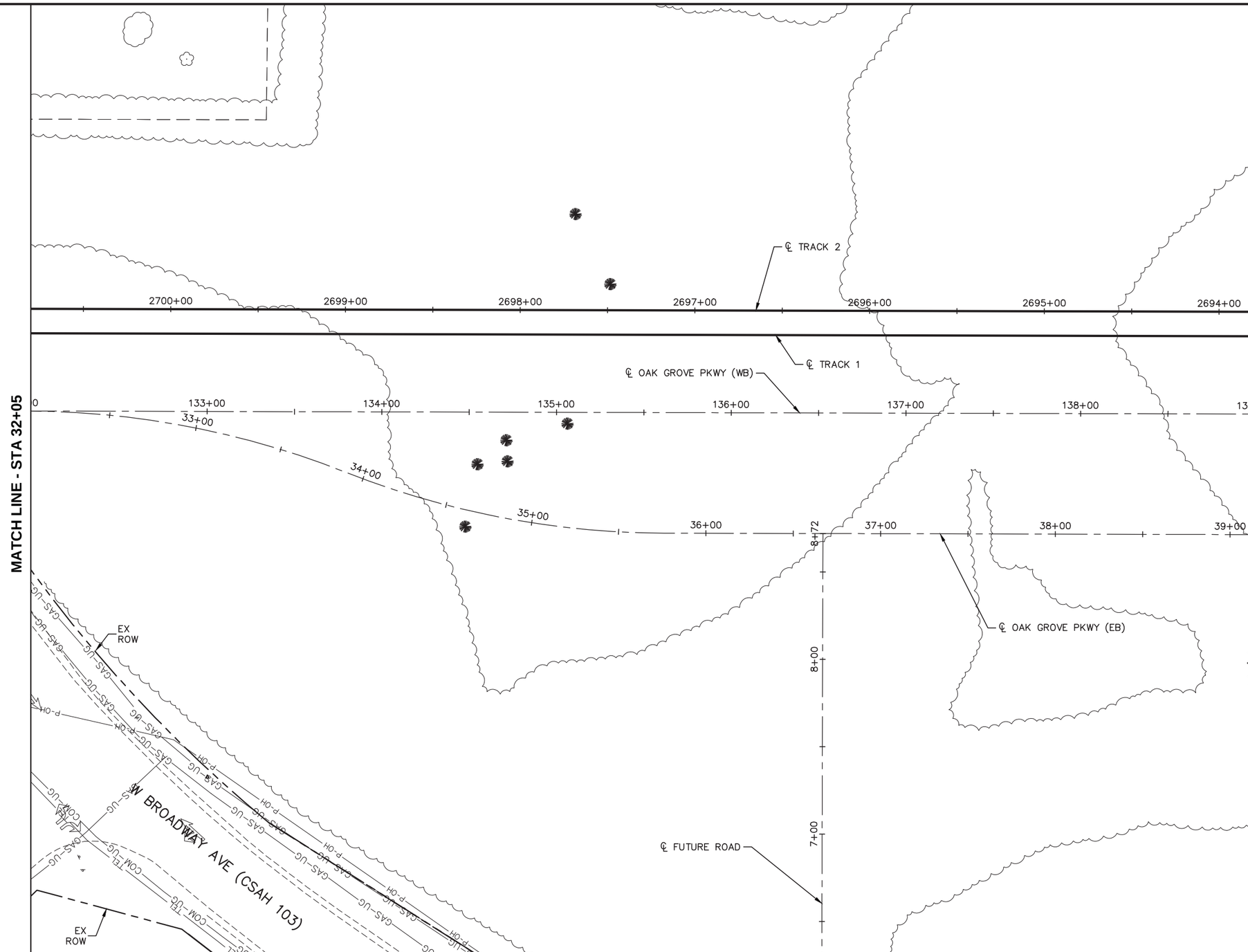
SEGMENT BP
OAK GROVE PKWY
EXISTING CONDITIONS
STA 25+05 TO STA 32+05

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-062

SHEET 68 OF 266

Dec, 07 2015 03:30 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

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RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

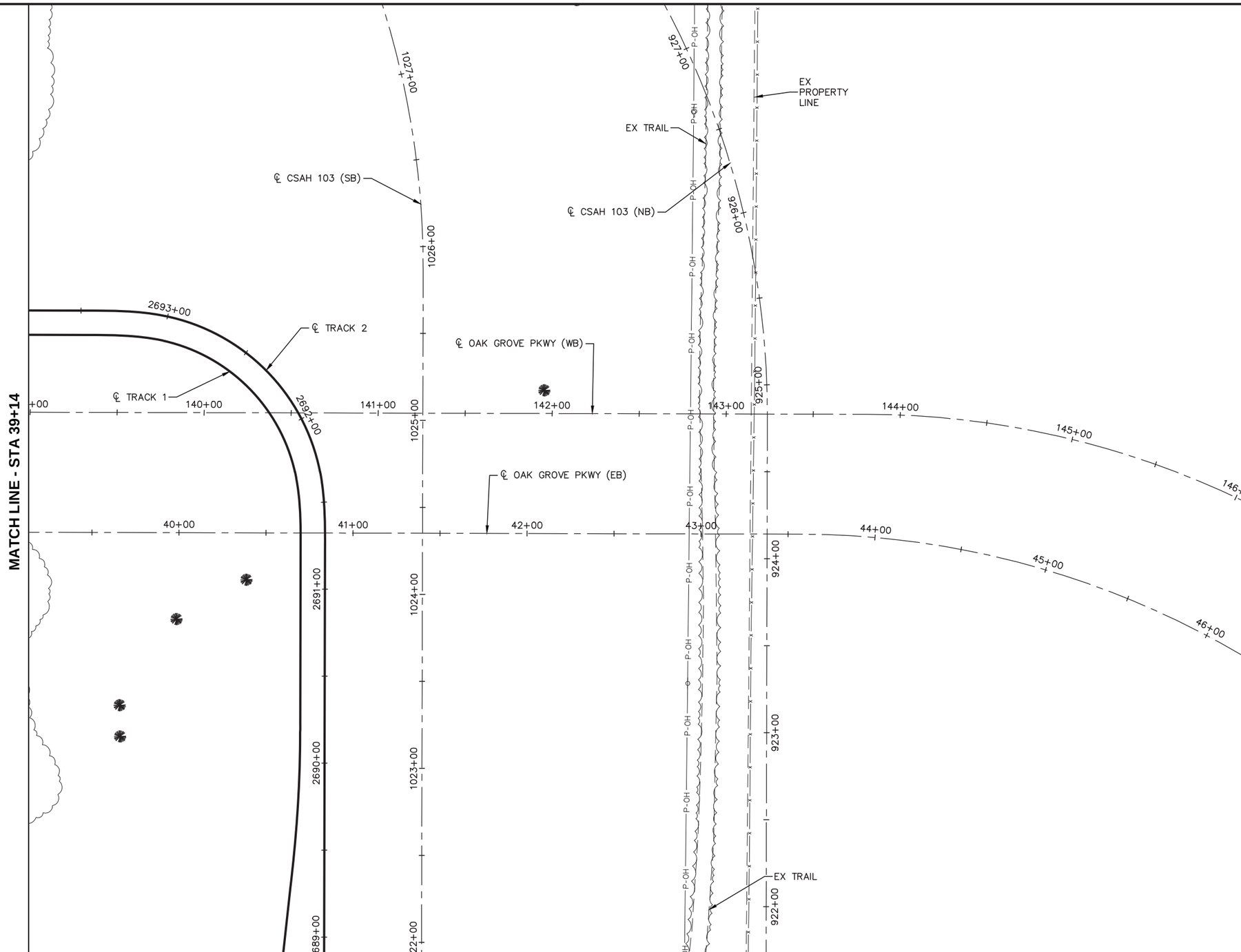
SEGMENT BP
OAK GROVE PKWY
EXISTING CONDITIONS
STA 32+05 TO STA 39+14

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-063

SHEET 69 OF 266

Dec, 07 2015 03:31 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

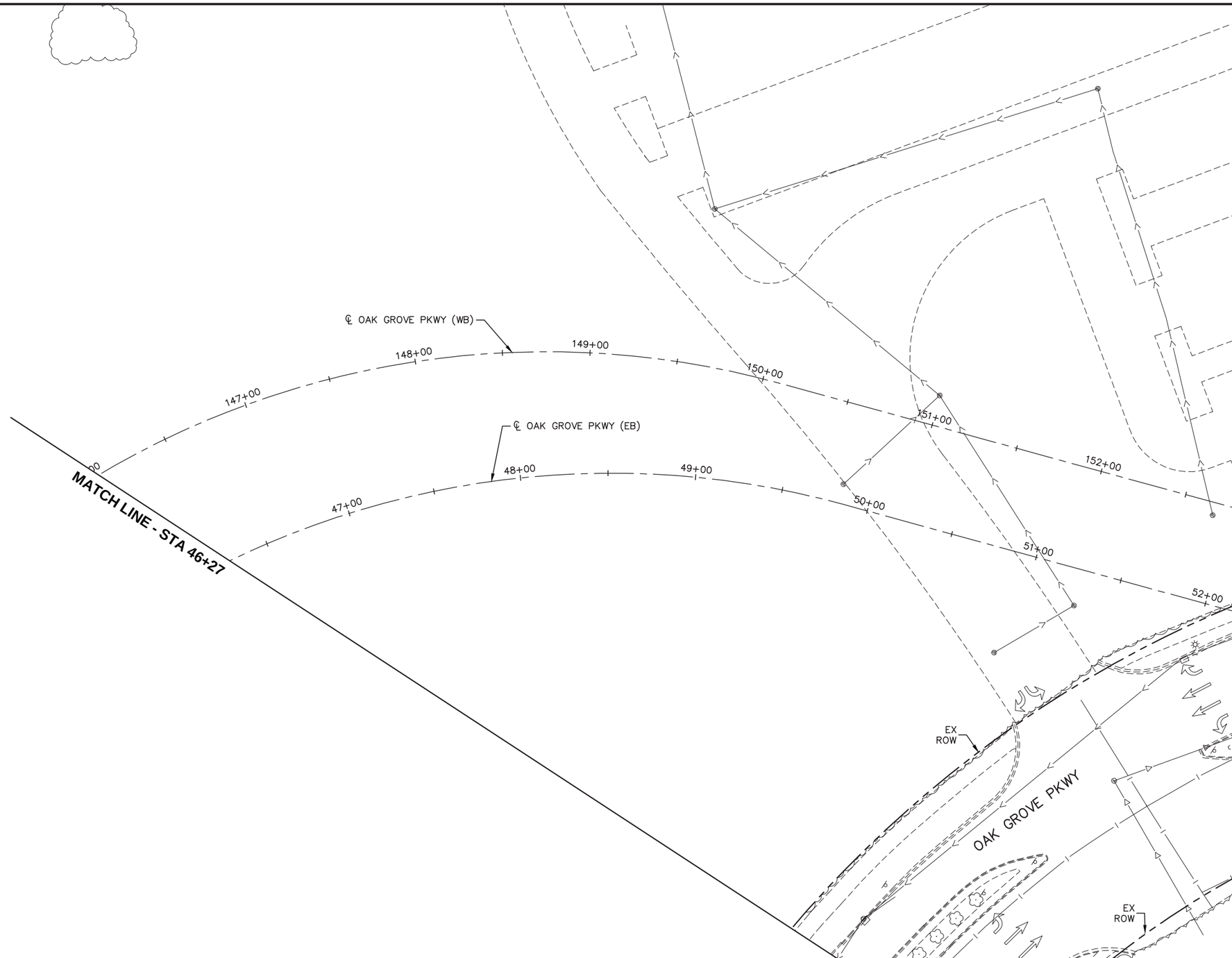
SEGMENT BP
OAK GROVE PKWY
EXISTING CONDITIONS
STA 39+14 TO STA 46+27

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-064

SHEET 70 OF 266

Dec, 07 2015 03:31 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: mhuynh



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SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bonneville LRT

METROPOLITAN COUNCIL

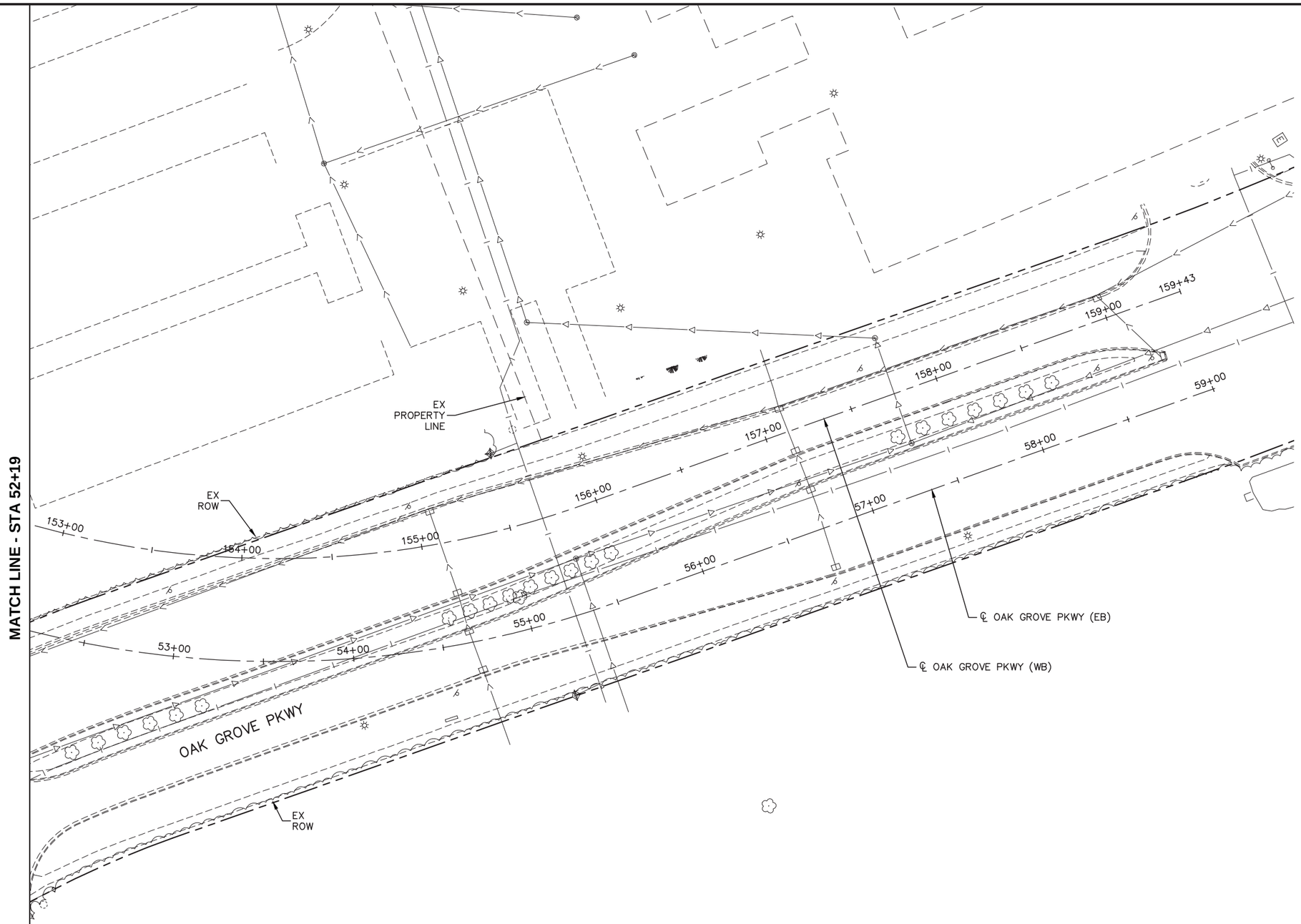
SEGMENT BP
OAK GROVE PKWY
EXISTING CONDITIONS
STA 46+27 TO STA 52+19

DISCIPLINE: **SURVEY**

SHEET NAME: **BP-EXCON-PLN-065**

SHEET 71 OF 266

Dec, 07 2015 03:46 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: hgarrido



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SCALE IN FEET

DRAFT-WORK IN PROCESS

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Kimley»Horn
RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

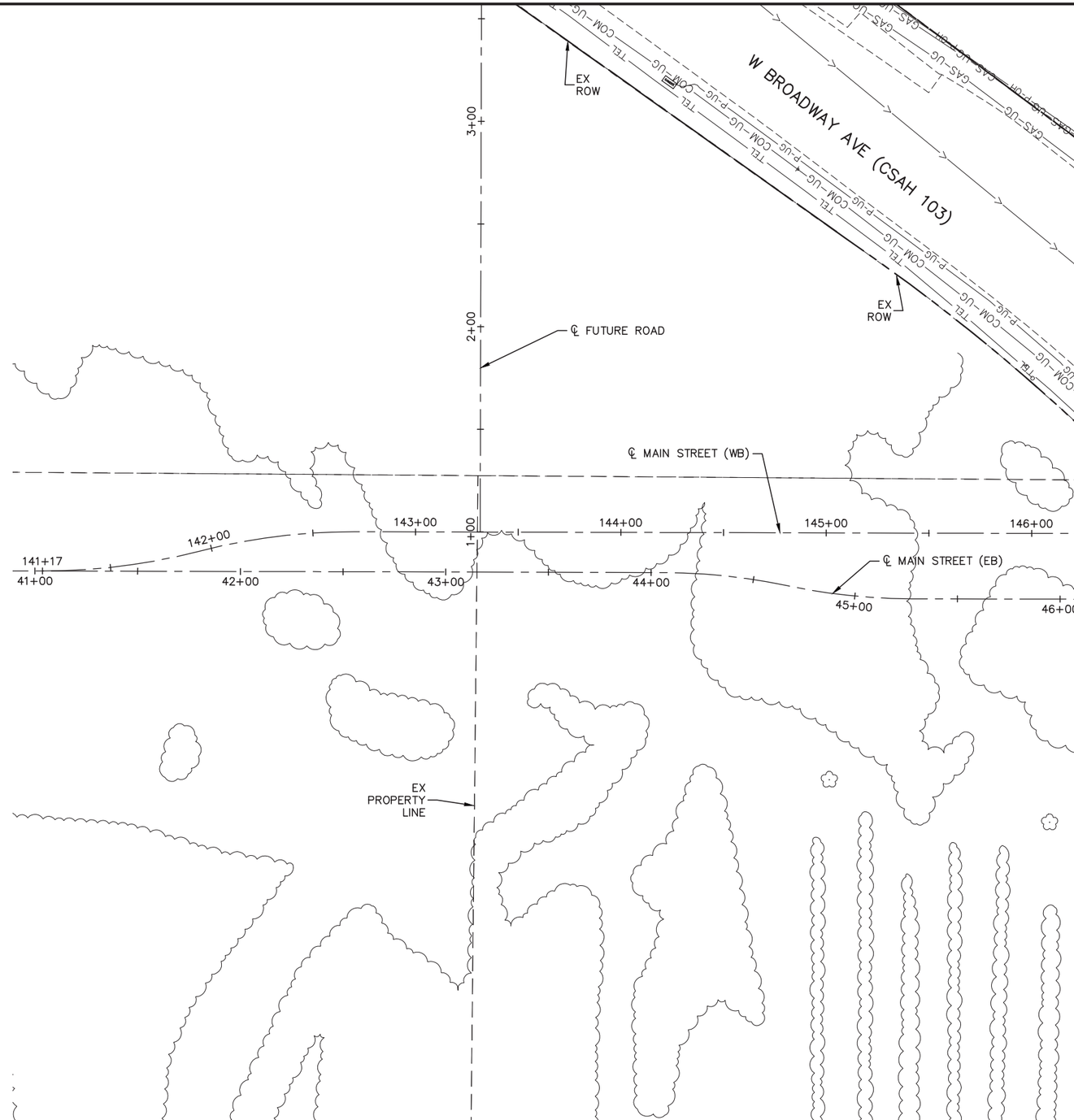
METROPOLITAN COUNCIL

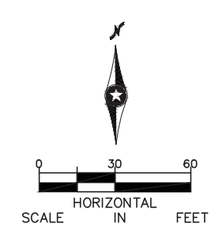
SEGMENT BP
OAK GROVE PKWY
EXISTING CONDITIONS
STA 52+19 TO STA 59+00

DISCIPLINE: **SURVEY**

SHEET NAME: **BP-EXCON-PLN-066**

Dec, 07 2015 03:47 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: hgarrido





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

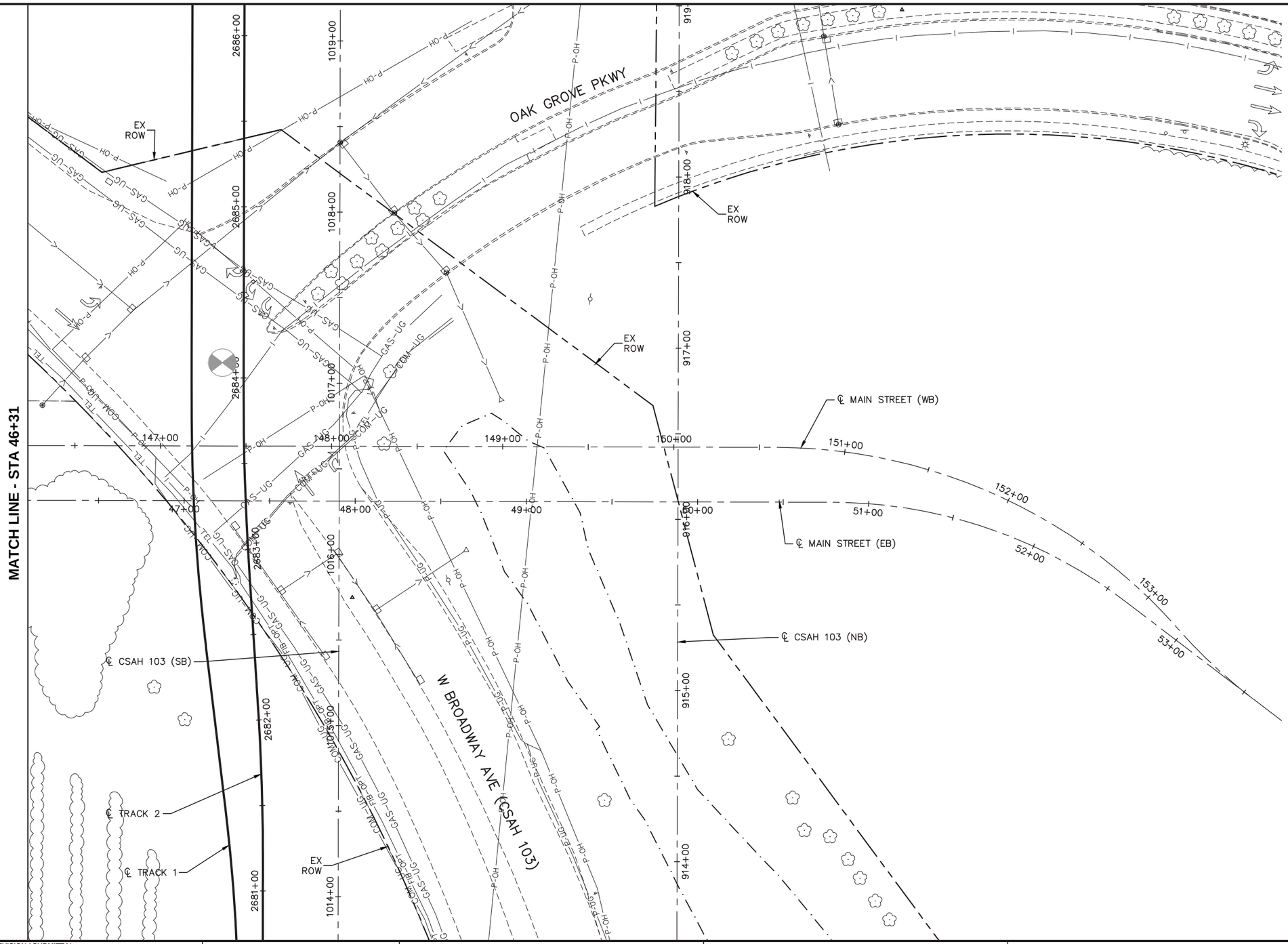
SEGMENT BP
MAIN STREET
EXISTING CONDITIONS
STA 41+00 TO STA 46+31

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-067

SHEET 73 OF 266

Dec, 07 2015 03:48 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: hgarrido



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

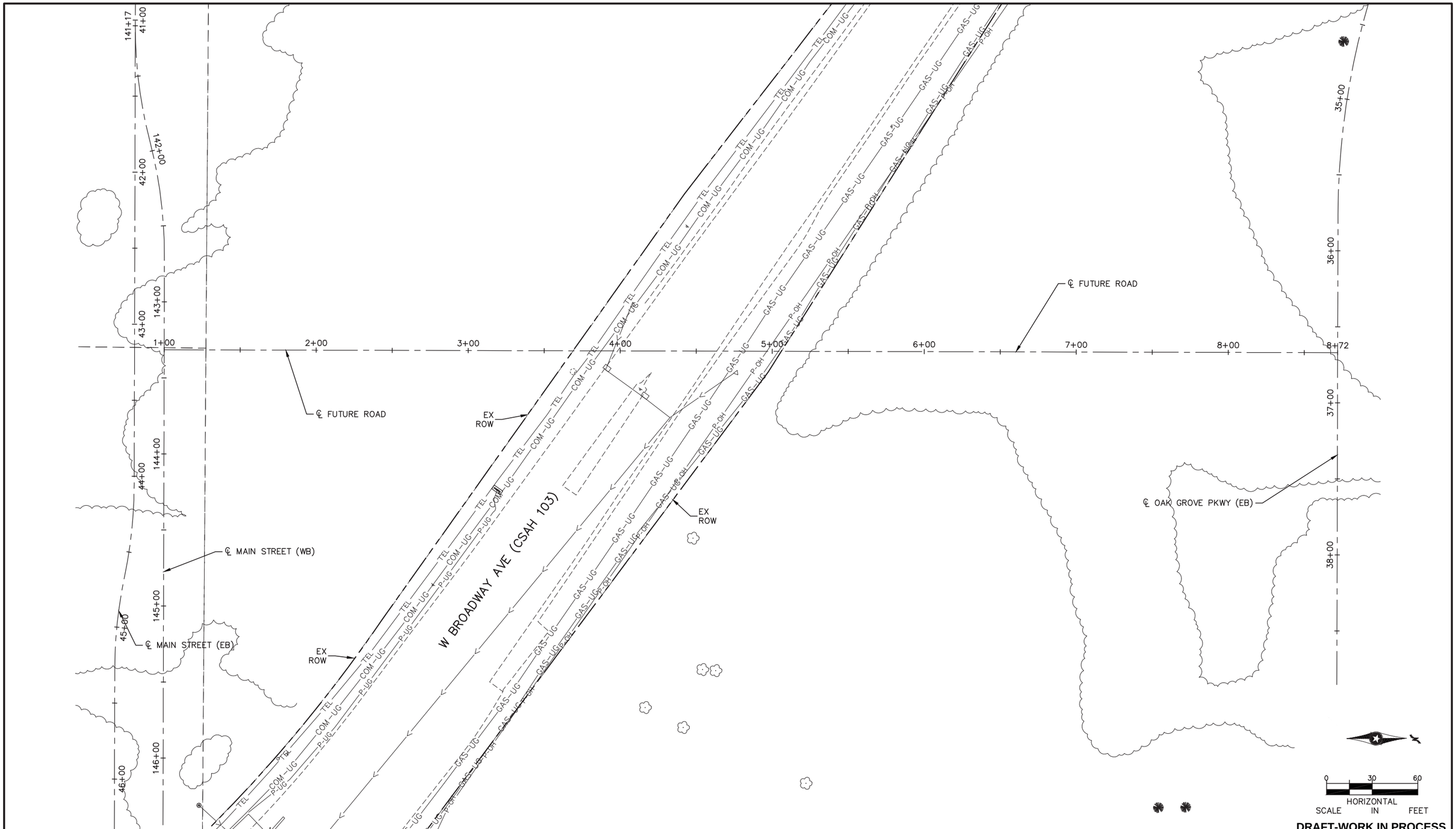
SEGMENT BP
MAIN STREET
EXISTING CONDITIONS
STA 46+31 TO STA 53+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-068

SHEET 74 OF 266

Dec, 07 2015 03:49 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: hgarrido



DRAFT-WORK IN PROCESS

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Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
FUTURE ROAD
EXISTING CONDITIONS
STA 1+00 TO STA 8+72

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-069

SHEET 75 OF 266

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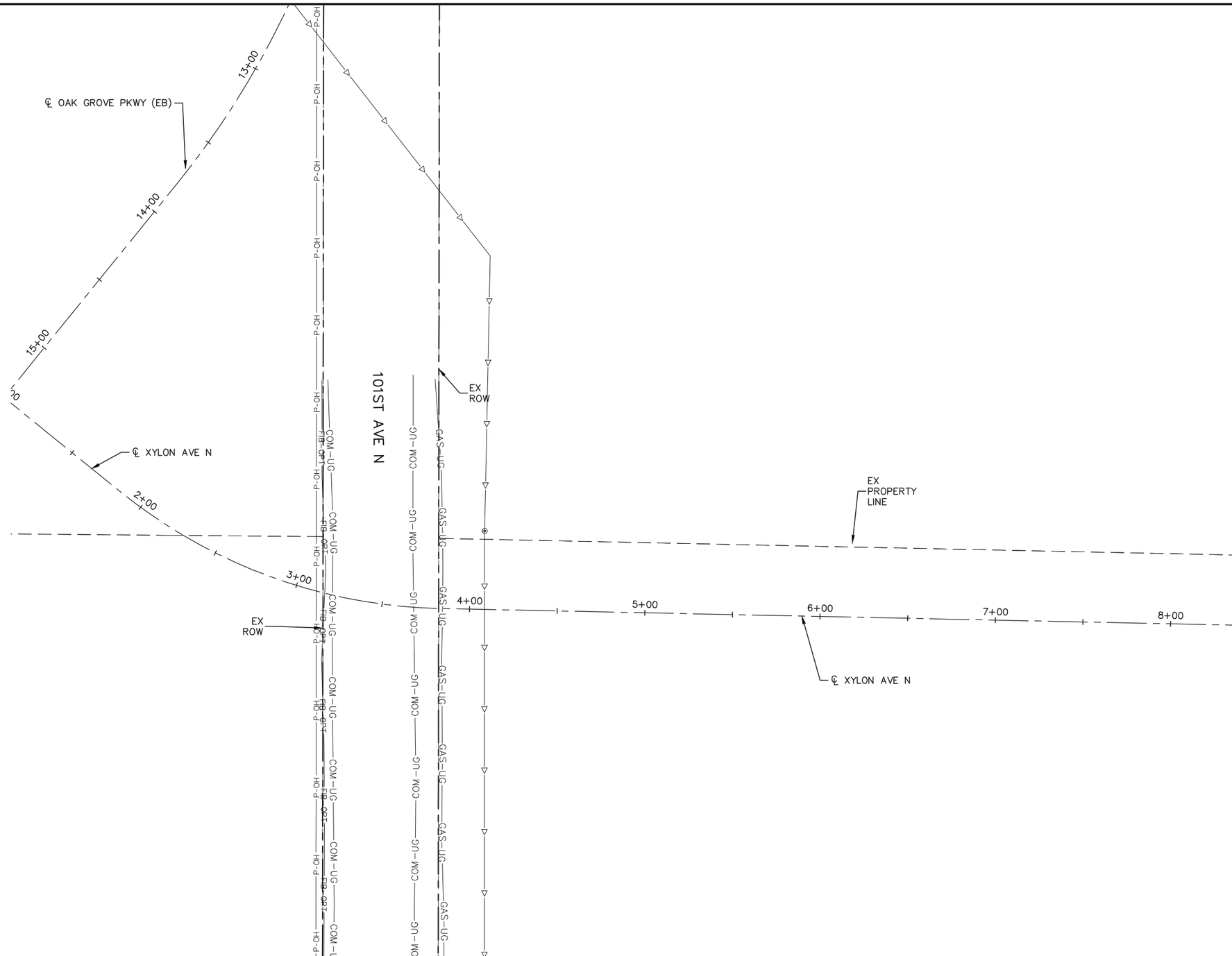


MATCH LINE - STA 8+17

SCALE HORIZONTAL IN FEET 0 30 60

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

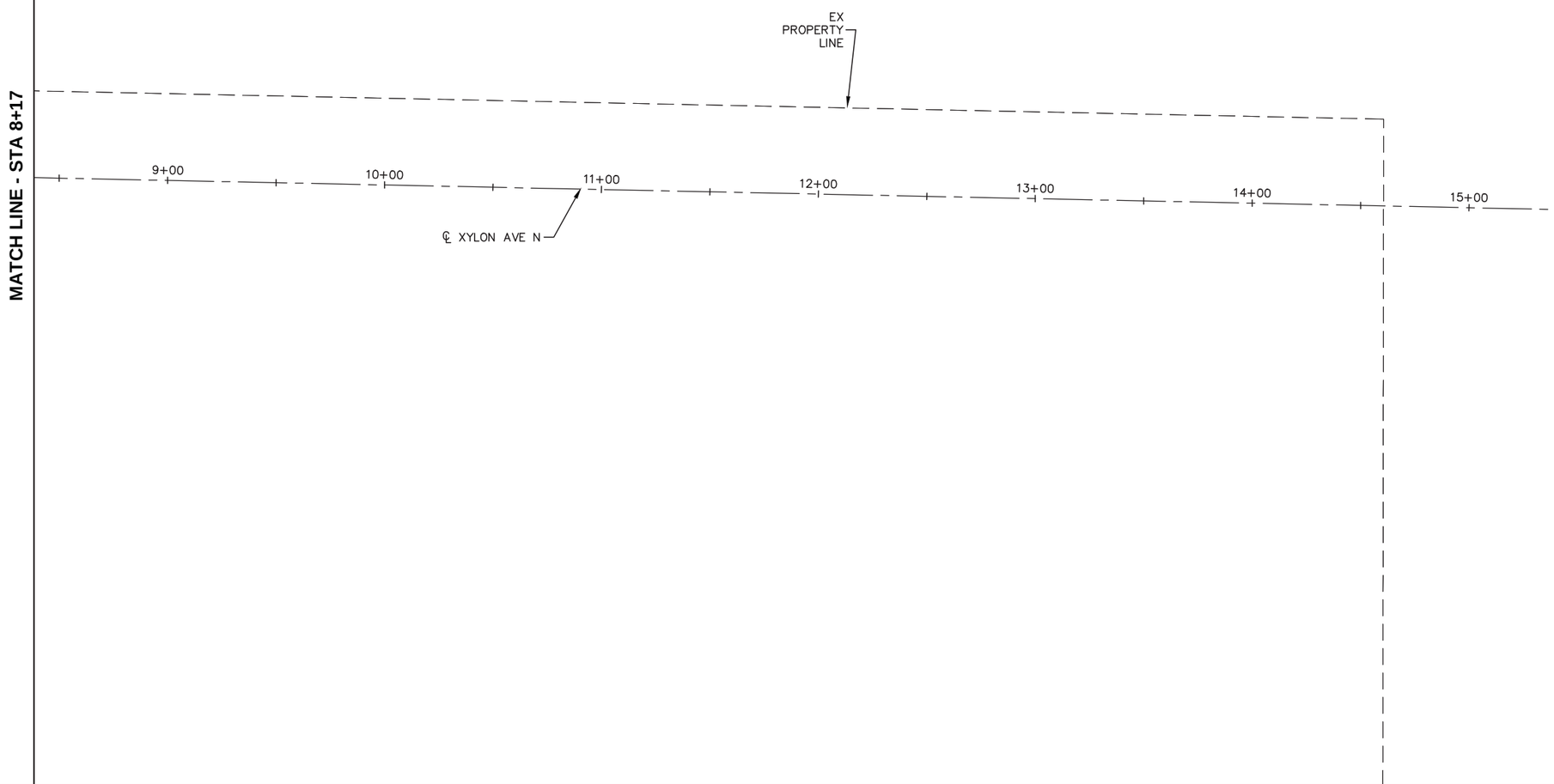
SEGMENT BP
XYLON AVE
EXISTING CONDITIONS
STA 1+00 TO STA 8+17

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-070

SHEET 76 OF 266

Dec, 07 2015 03:51 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-EXCON-OakGr.dwg By: hgarrido



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

RANI engineering

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
XYLON AVE
EXISTING CONDITIONS
STA 8+17 TO STA 15+00

DISCIPLINE: SURVEY

SHEET NAME: BP-EXCON-PLN-071

SHEET 77 OF 266

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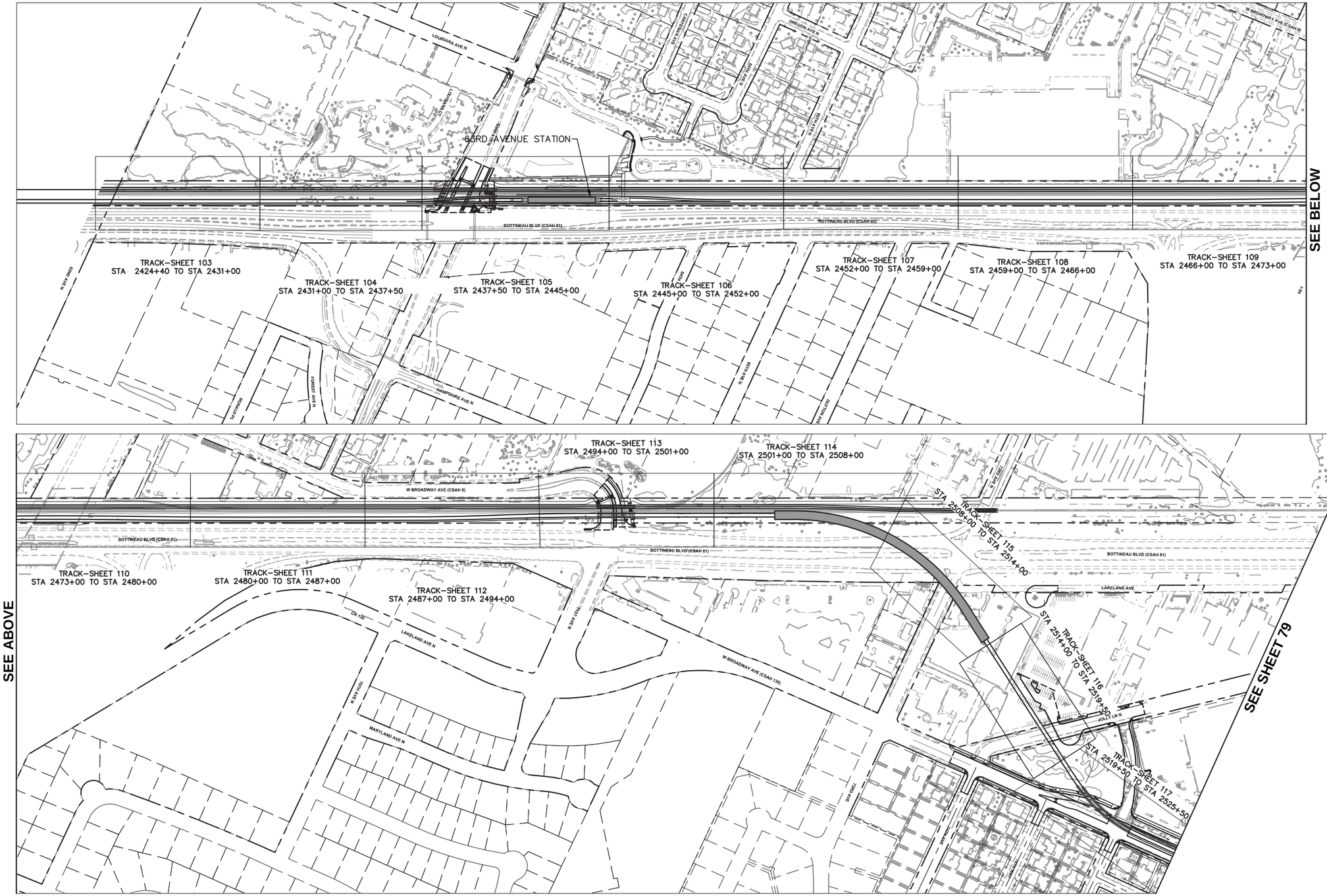

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
TRACK
SHEET LAYOUT INDEX

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-IDX-001

SHEET 78 OF 266

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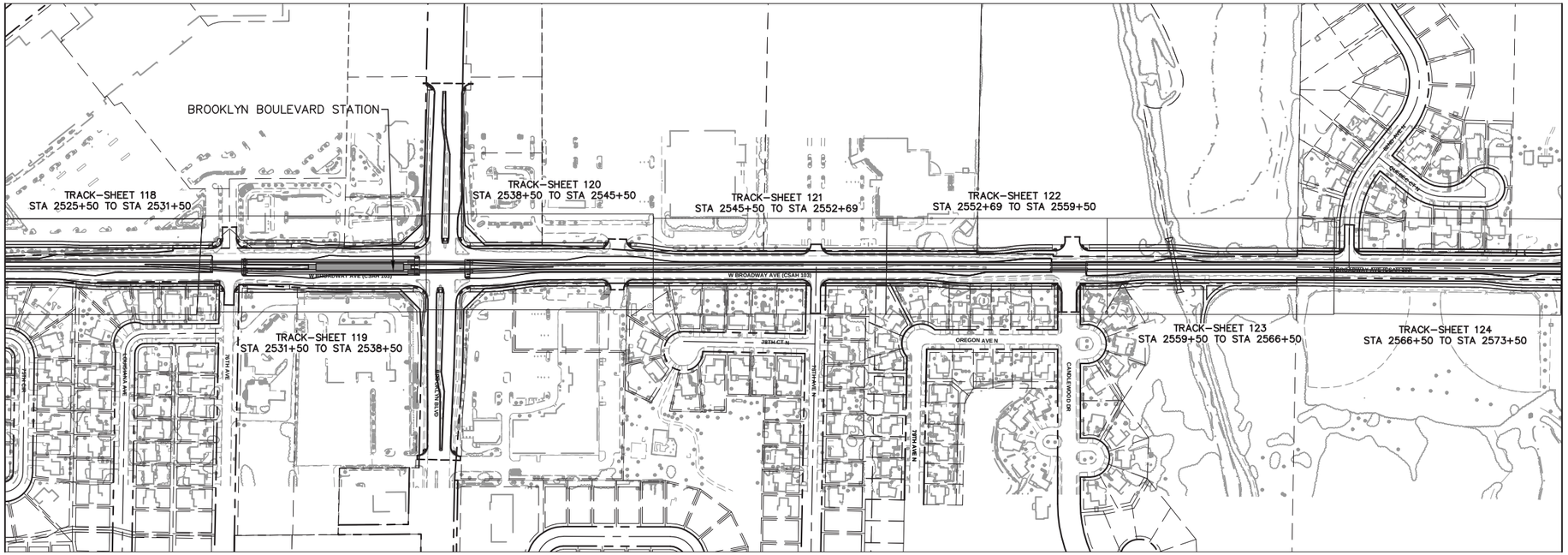

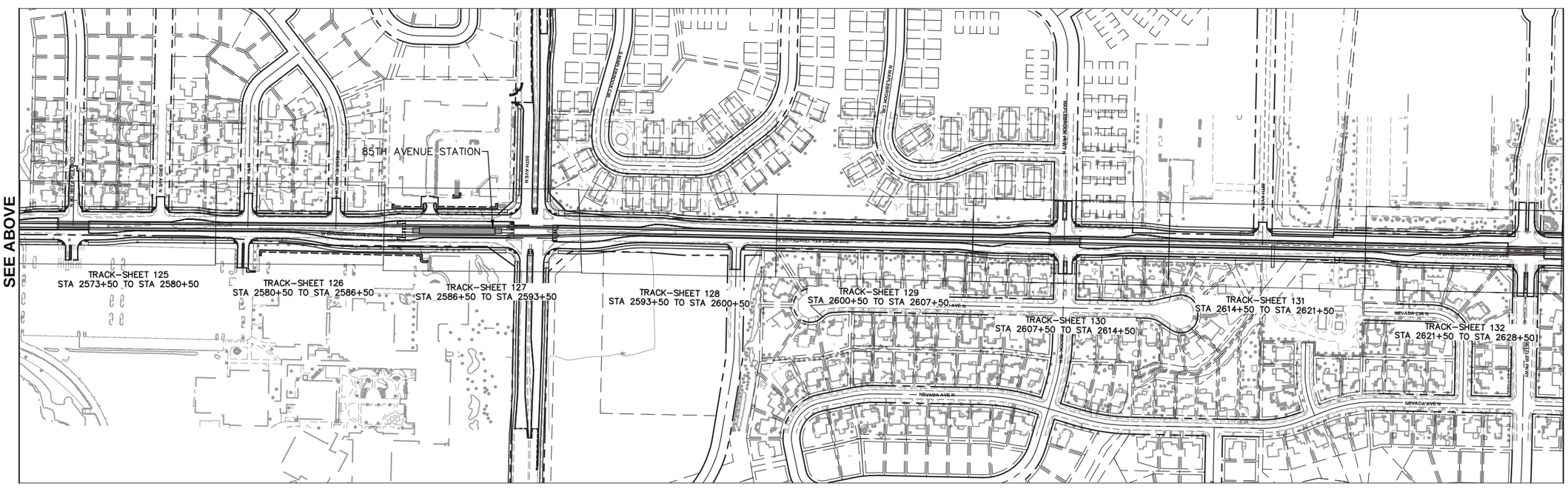

0 100 200 400
HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
TRACK
SHEET LAYOUT INDEX

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-IDX-002

SHEET 79 OF 266

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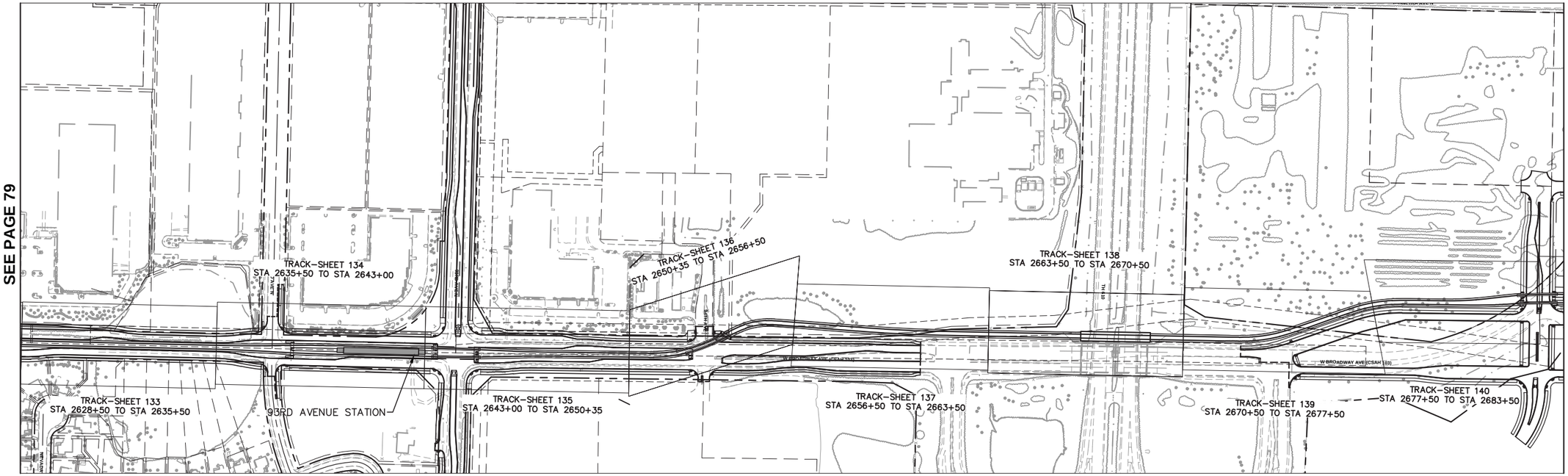

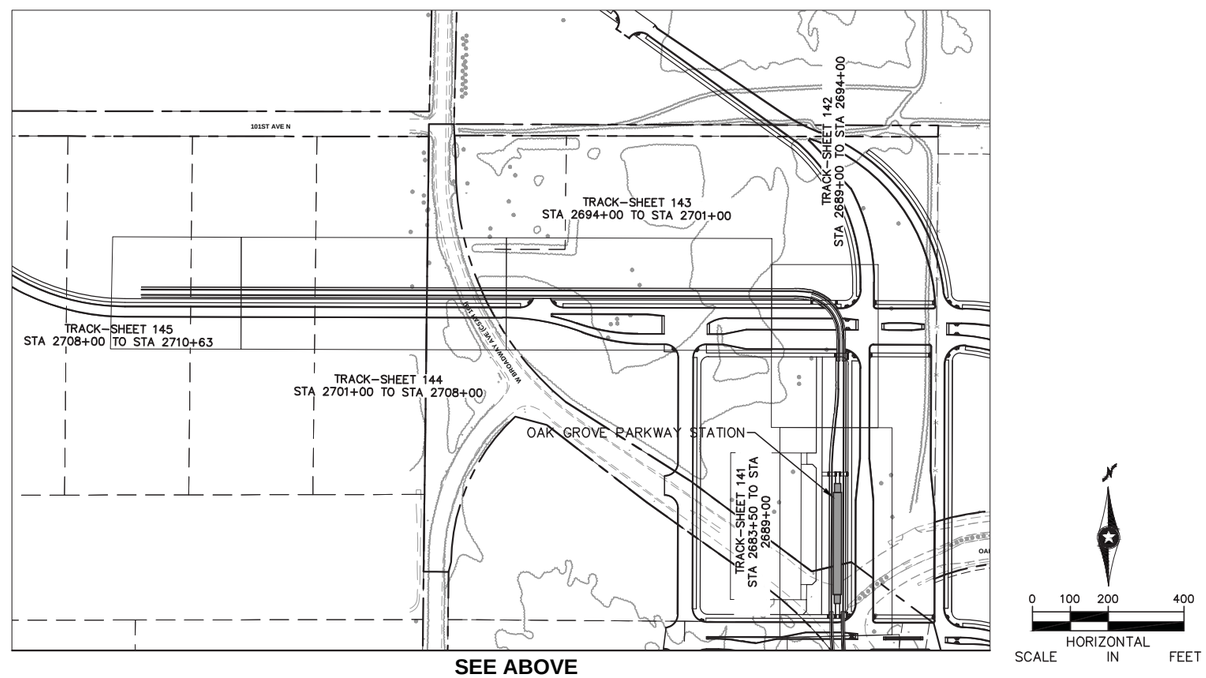

SEE ABOVE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
TRACK
SHEET LAYOUT INDEX

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-IDX-003

SHEET 80 OF 266

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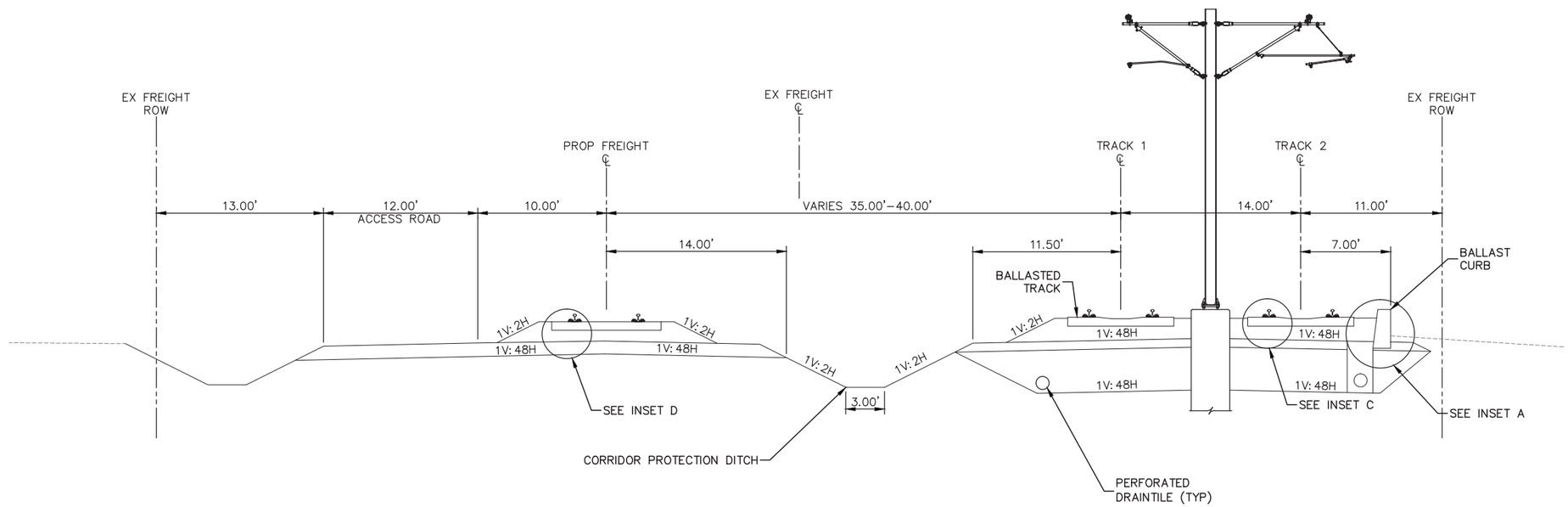

TYPICAL SECTION
STA. 2424+40 (BEGINNING OF SEGMENT BP) TO 2436+60
STA. 2449+27 TO 2473+78
STA. 2475+49 TO 2491+51

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc. | ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-001

SHEET 81 OF 266

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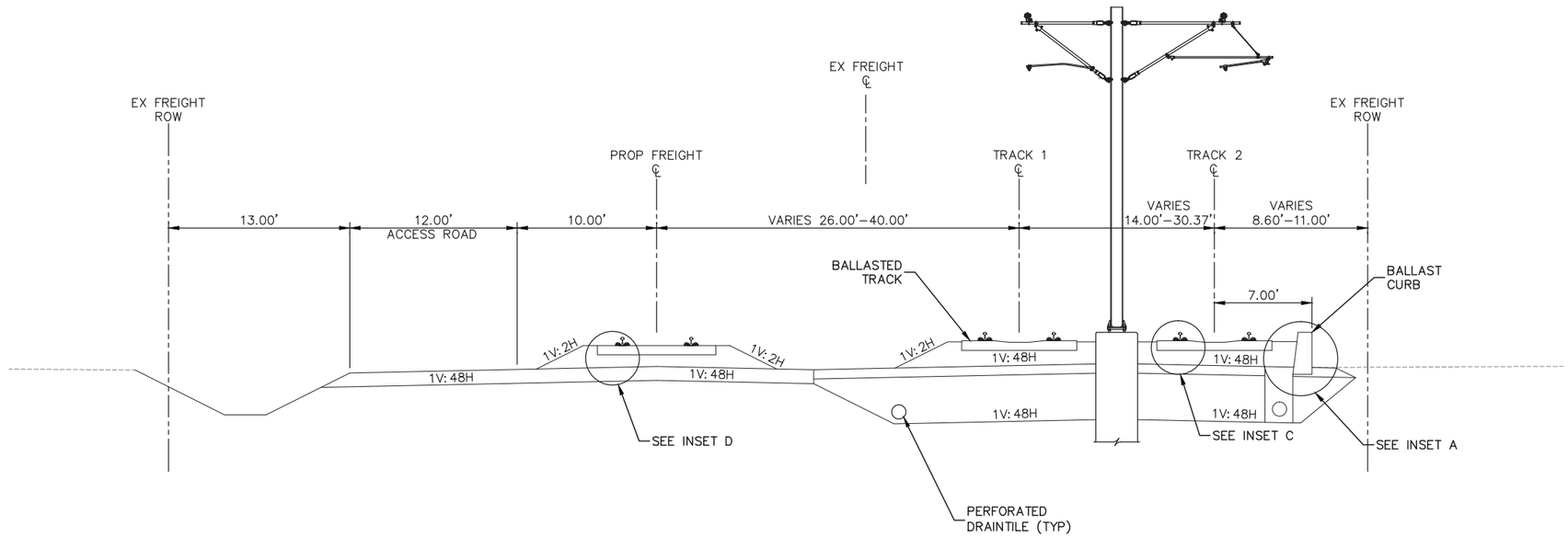

TYPICAL SECTION
STA. 2436+60 TO 2441+30
STA. 2444+90 TO 2449+27

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT–OF–WAY NOT DETERMINED
3. LIMITS OF SECTION INCLUDE AT–GRADE CROSSINGS THAT ARE NOT DEPICTED
4. CORRIDOR PROTECTION WALL NOT SHOWN STA. 2445+45 TO 2447+76

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc. | ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

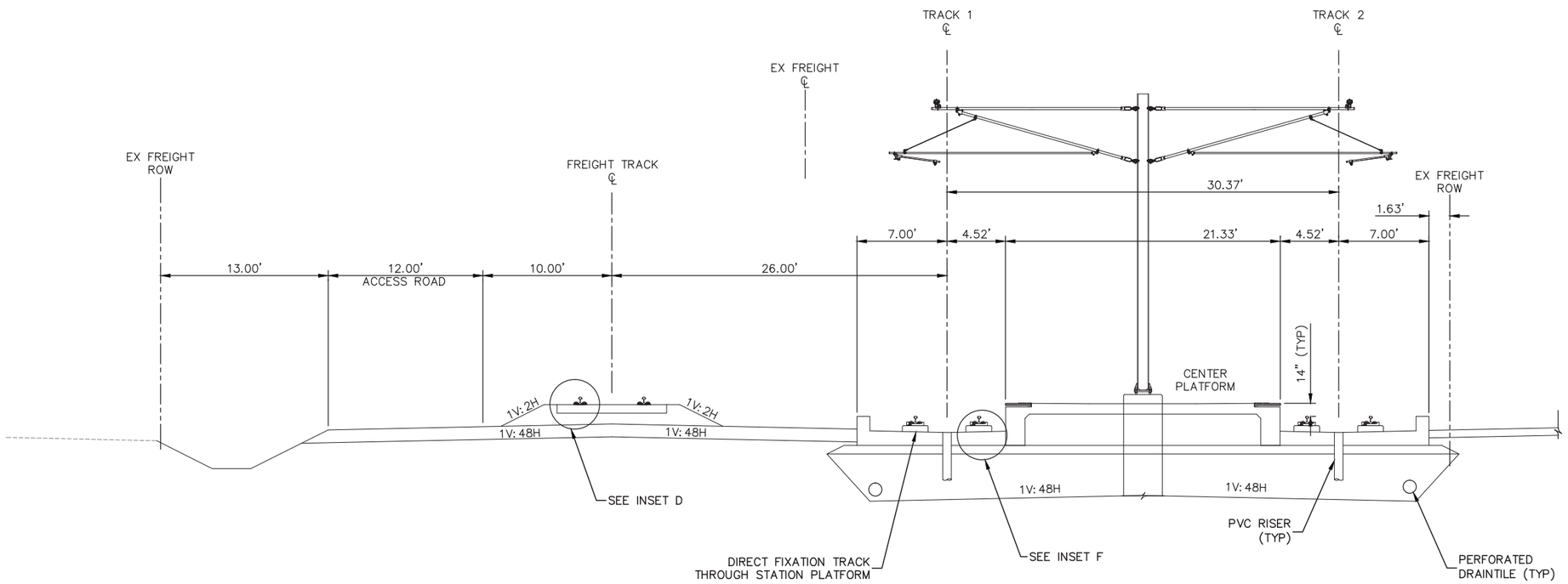
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-002

SHEET 82 OF 266

Dec, 07 2015 02:02 pm H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED

TYPICAL SECTION
63RD AVENUE STATION
STA. 2441+30 TO 2444+90

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

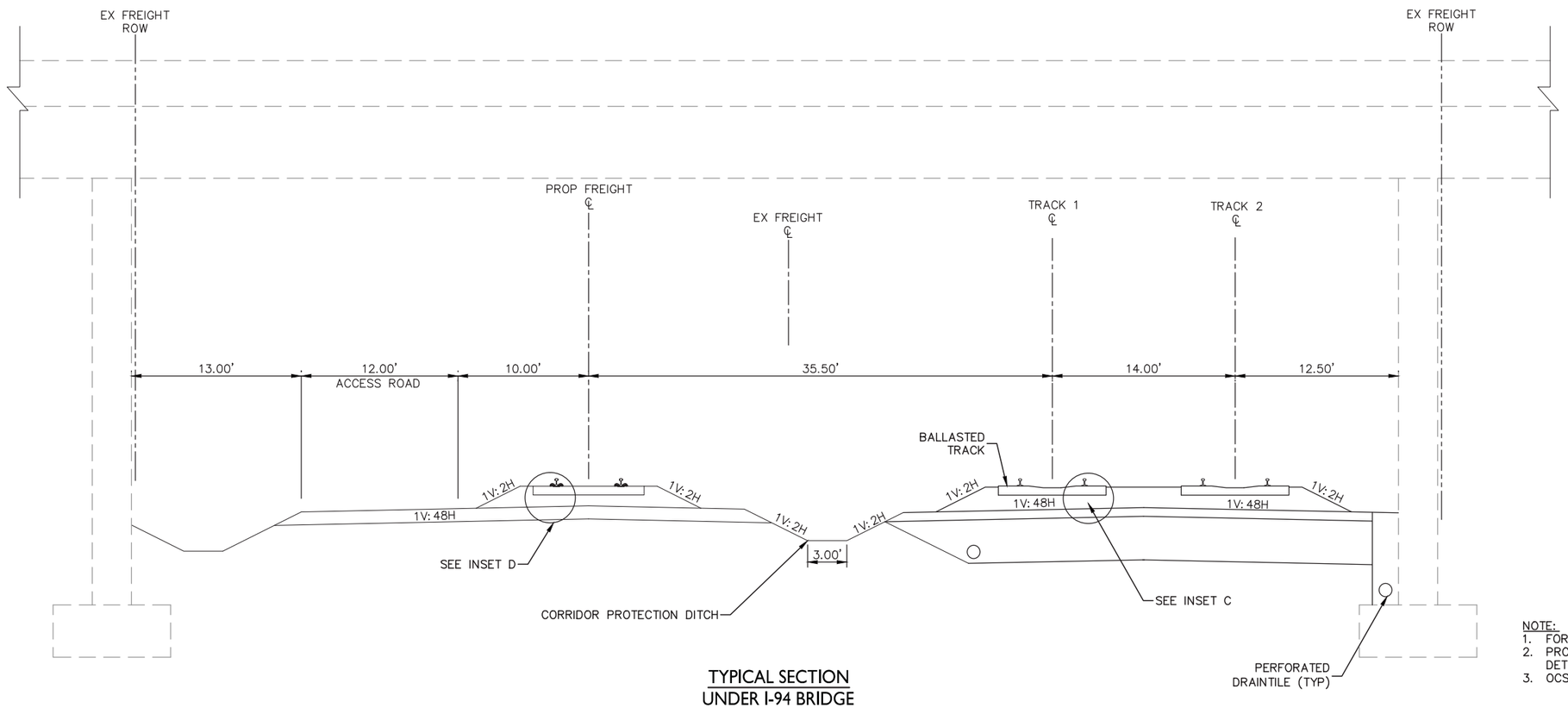
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-003

SHEET 83 OF 266

Dec, 07 2015 02:03 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



TYPICAL SECTION
UNDER I-94 BRIDGE
STA. 2473+78 TO 2475+49

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED
3. OCS NOT SHOWN

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-004

SHEET 84 OF 266

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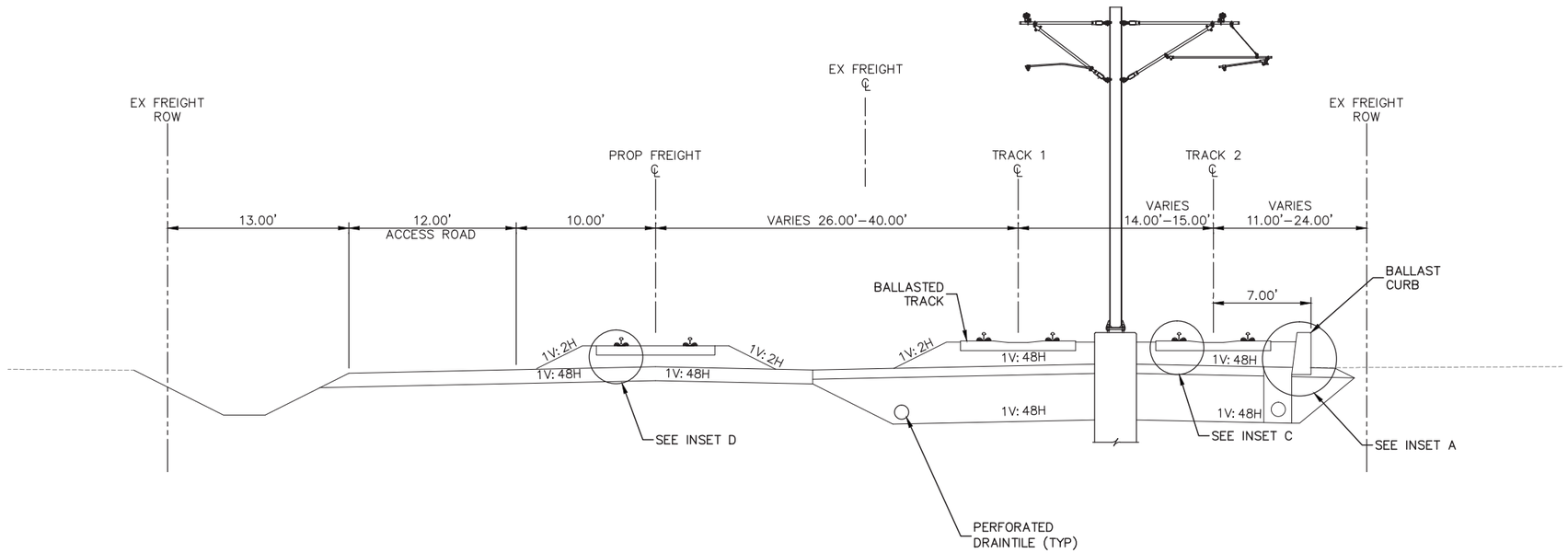

TYPICAL SECTION
STA. 2491+51 TO 2498+27

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT–OF–WAY NOT DETERMINED
3. LIMITS OF SECTION INCLUDE AT–GRADE CROSSINGS THAT ARE NOT DEPICTED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-005

SHEET 85 OF 266

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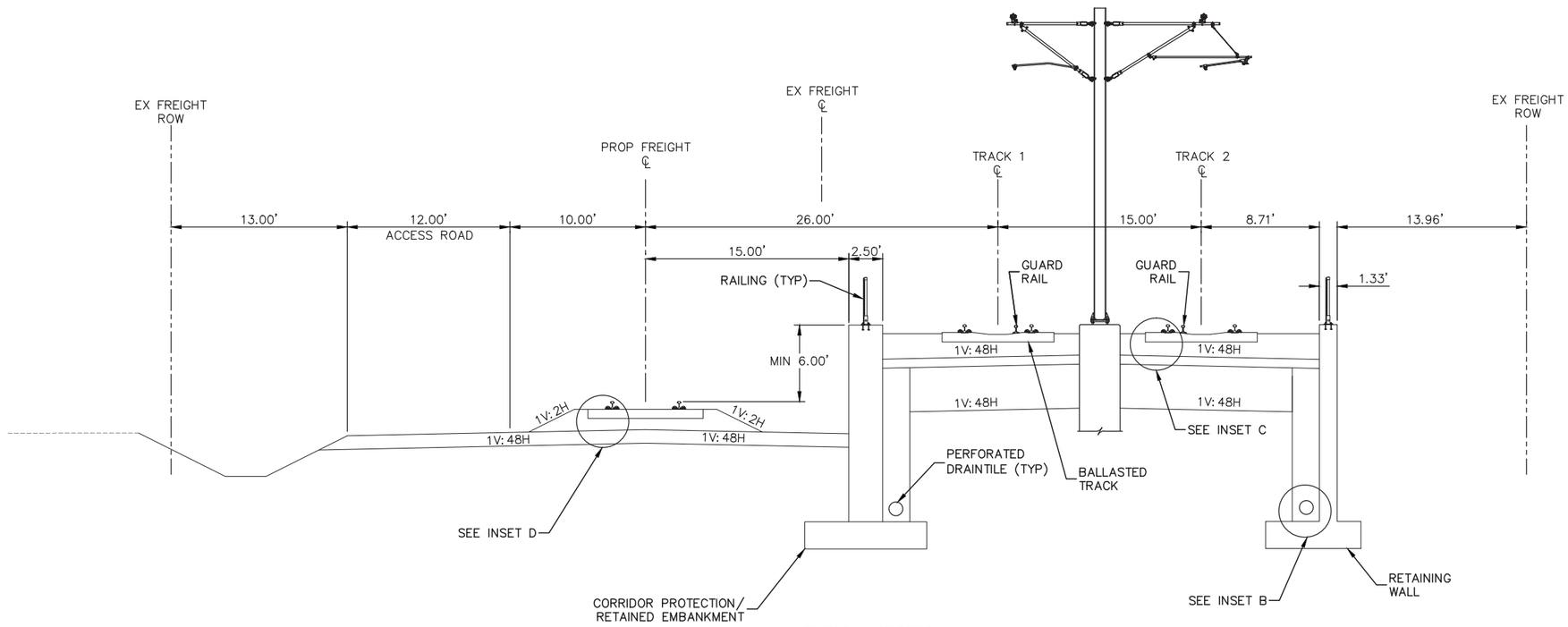

TYPICAL SECTION
STA. 2498+27 TO 2503+43

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
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SRF Consulting Group, Inc. | ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-006

SHEET 86 OF 266

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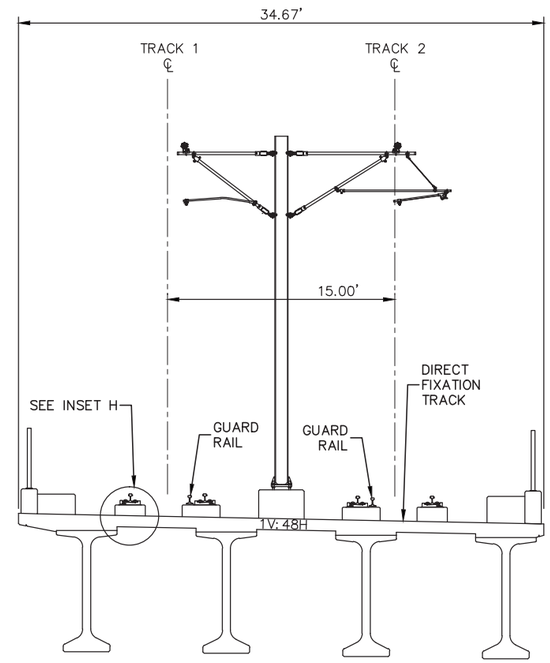

TYPICAL SECTION
LRT BRIDGE OVER 73RD AVENUE
STA. 2503+43 TO 2513+76

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-007

SHEET 87 OF 266

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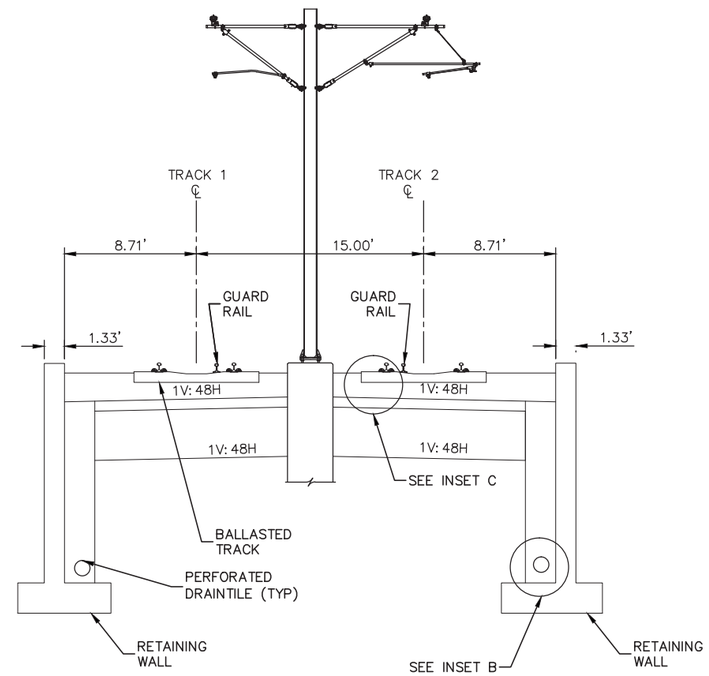

TYPICAL SECTION
STA. 2513+76 TO 2520+60

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF
SRF Consulting Group, Inc. | ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-008

SHEET 88 OF 266

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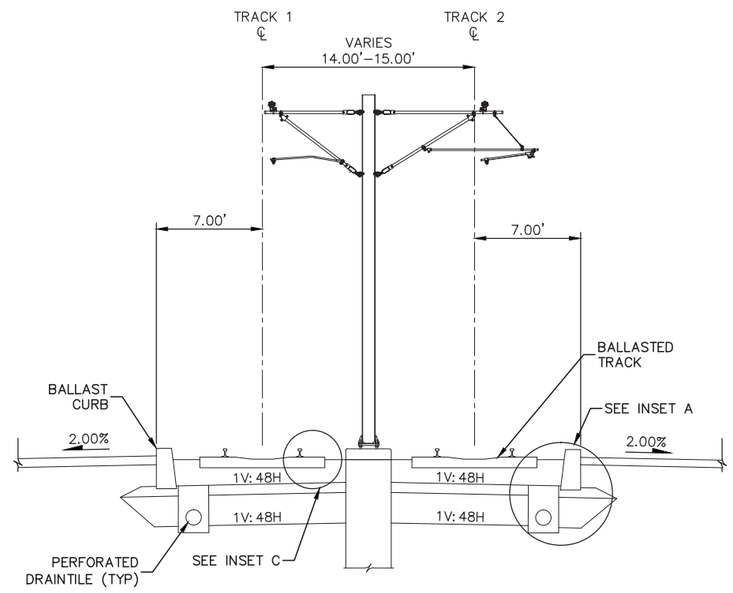

TYPICAL SECTION
STA. 2520+60 TO 2523+49

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT–OF–WAY NOT DETERMINED
3. LIMITS OF SECTION INCLUDE AT–GRADE CROSSINGS THAT ARE NOT DEPICTED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
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SRF Consulting Group, Inc. | ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-009

SHEET 89 OF 266

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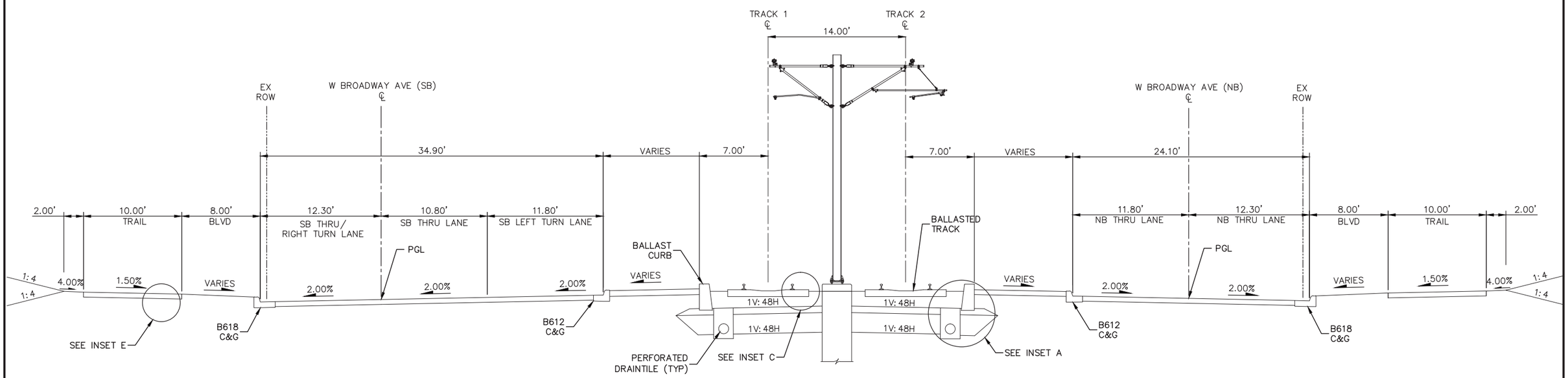

TYPICAL SECTION
STA. 2523+49 TO 2527+09
STA. 2557+79 TO 2561+38
STA. 2610+26 TO 2613+35
STA. 2626+59 TO 2631+40

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED
3. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA. 2552+69 TO 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY
4. LIMITS OF SECTION INCLUDE AT-GRADE CROSSINGS THAT ARE NOT DEPICTED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
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SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-010

SHEET 90 OF 266

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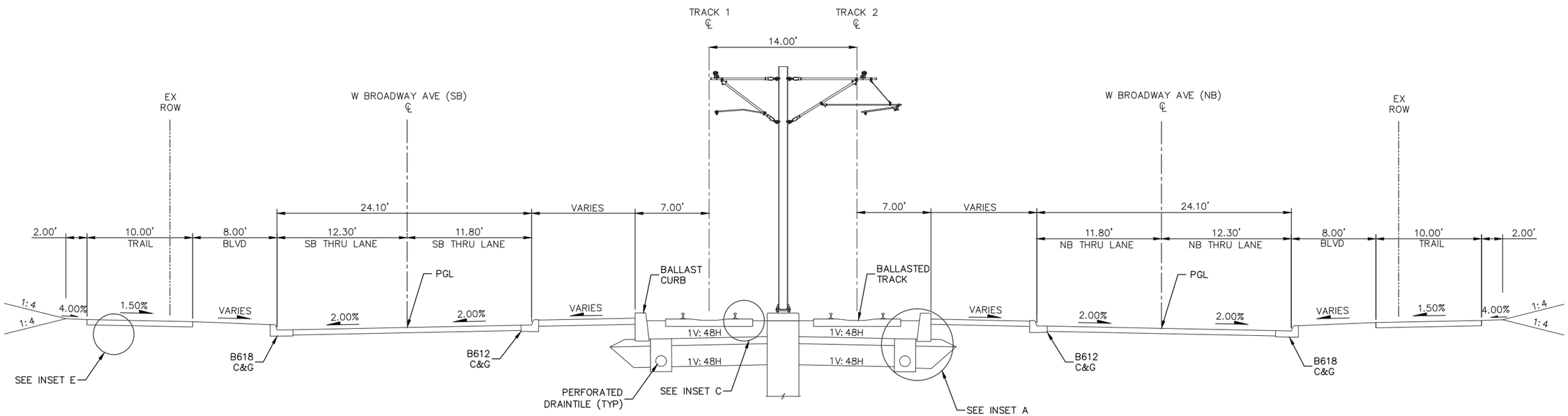


TYPICAL SECTION
STA. 2527+09 TO 2528+28
STA. 2542+93 TO 2555+26
STA. 2561+38 TO 2572+35
STA. 2613+35 TO 2623+05
STA. 2631+40 TO 2635+24

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED
3. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA. 2552+69 TO 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

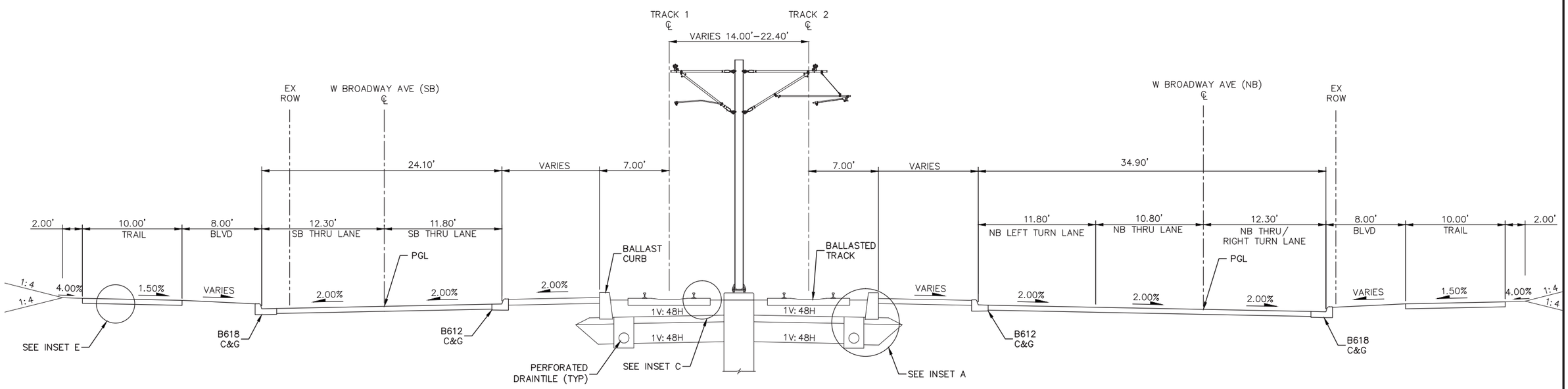
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-011

SHEET 91 OF 266

Dec, 07 2015 02:08 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT–OF–WAY NOT DETERMINED
3. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA. 2552+69 TO 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY

TYPICAL SECTION
STA. 2528+28 TO 2531+90

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

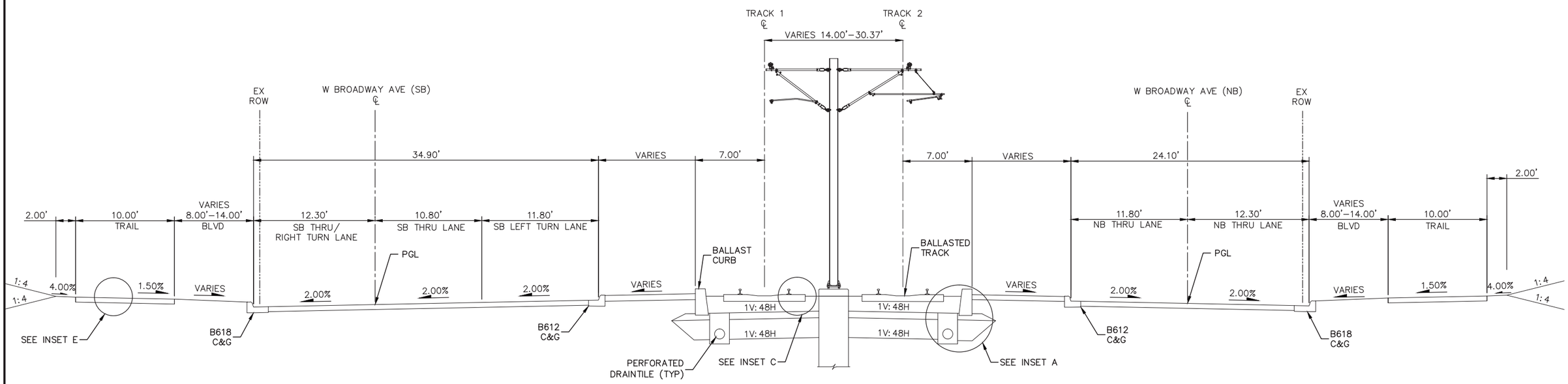
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYP-012

SHEET 92 OF 266

Dec, 07 2015 02:09 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT–OF–WAY NOT DETERMINED
3. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA. 2552+69 TO 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY
4. LIMITS OF SECTION INCLUDE AT–GRADE CROSSINGS THAT ARE NOT DEPICTED

TYPICAL SECTION
STA. 2531+90 TO 2534+65
STA. 2537+93 TO 2542+93

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

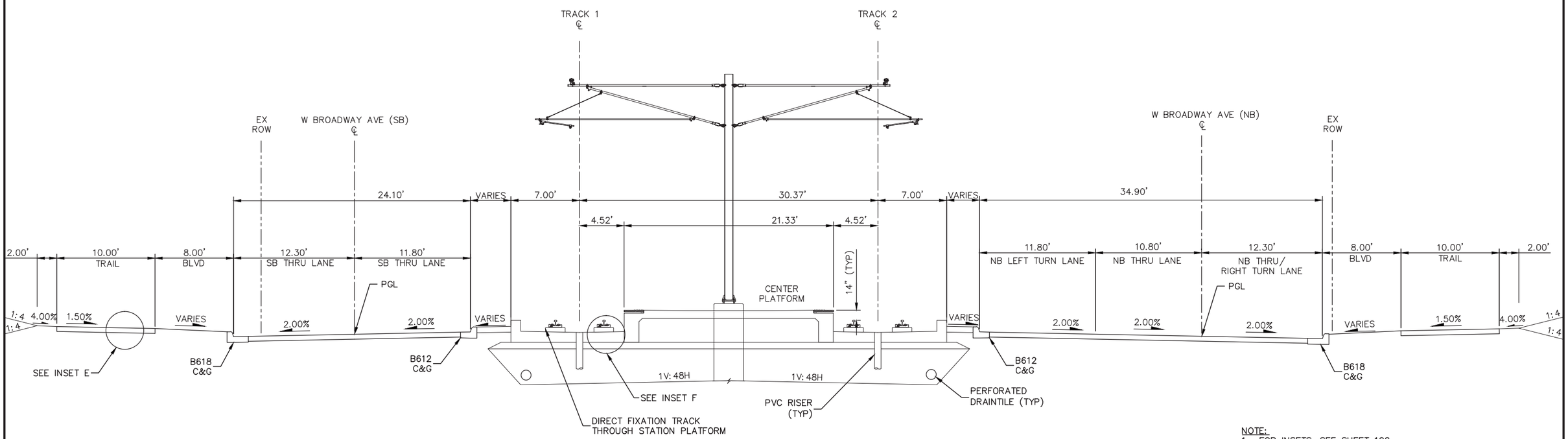
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYPS - 013

SHEET 93 OF 266

Dec, 07 2015 02:10 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED
3. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA. 2552+69 TO 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY

TYPICAL SECTION
BROOKLYN BOULEVARD STATION
STA. 2534+65 TO 2537+93
85TH AVENUE STATION
STA. 2587+31 TO 2590+91
93RD AVENUE STATION
STA. 2639+63 TO 2643+23

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

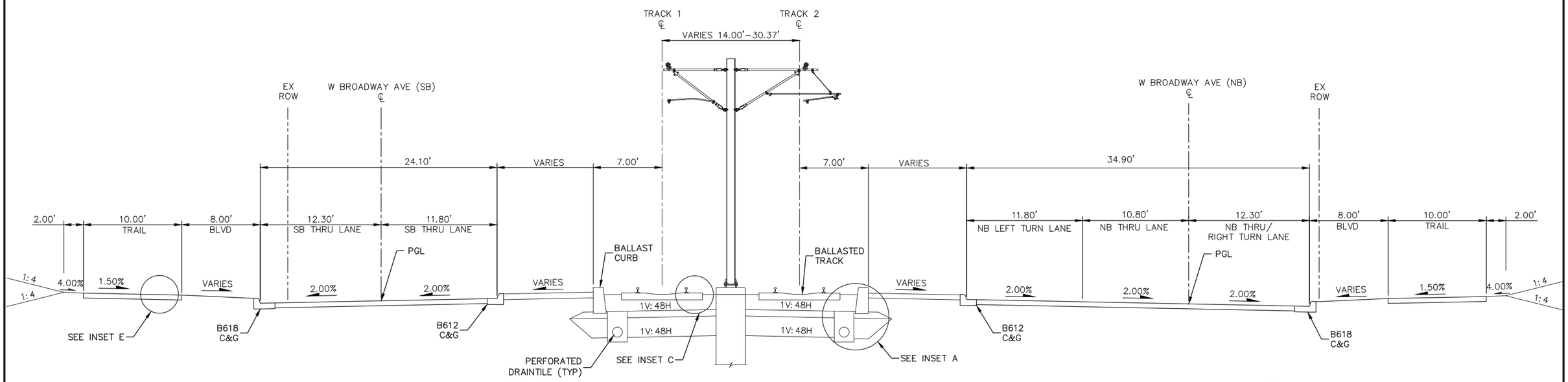
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYPS - 014

SHEET 94 OF 266

Dec, 07 2015 02:10 pm H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT–OF–WAY NOT DETERMINED
3. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA. 2552+69 TO 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY
4. LIMITS OF SECTION INCLUDE AT–GRADE CROSSINGS THAT ARE NOT DEPICTED

TYPICAL SECTION
STA. 2555+26 TO 2557+79
STA. 2572+35 TO 2587+31
STA. 2590+91 TO 2610+26
STA. 2623+05 TO 2626+59
STA. 2648+47 TO 2652+47

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

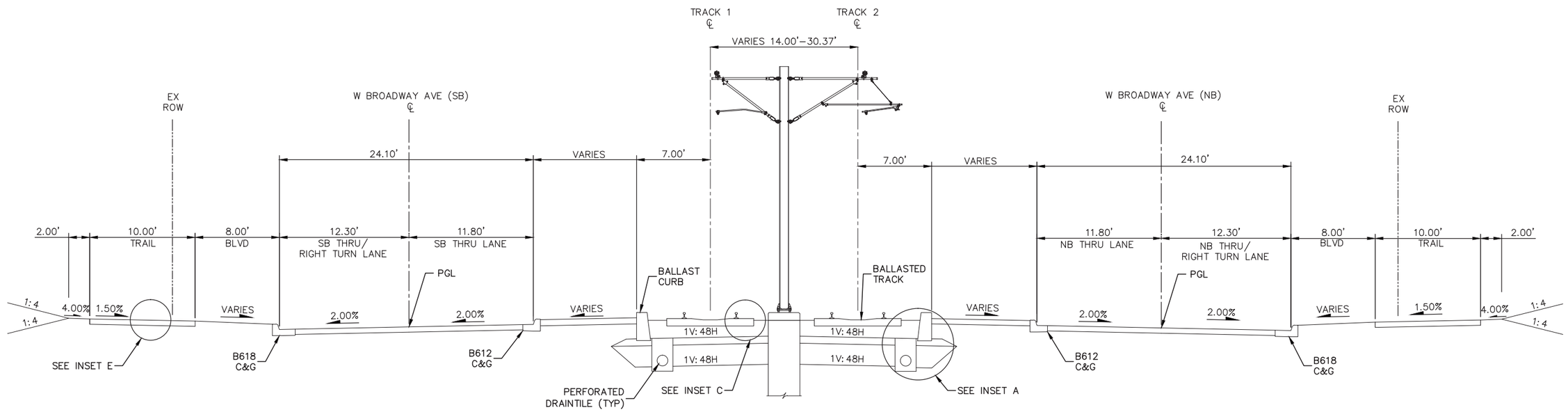
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYPS - 015

SHEET 95 OF 266

Dec, 07 2015 02:11 pm H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT–OF–WAY NOT DETERMINED
3. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA. 2552+69 TO 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY

TYPICAL SECTION
STA. 2635+24 TO 2639+63

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

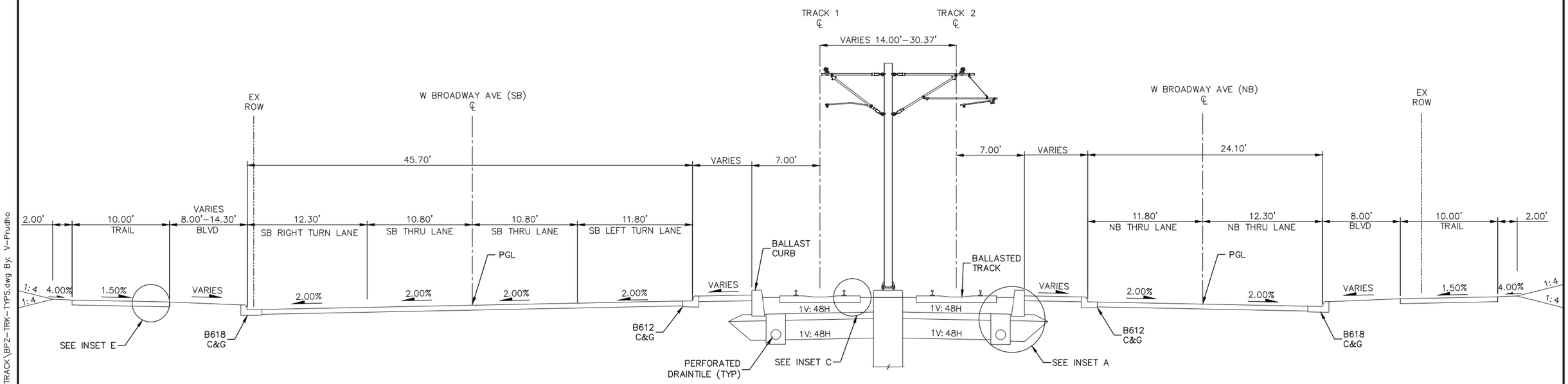
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYPS - 016

SHEET 96 OF 266

Dec, 07 2015 02:12 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



TYPICAL SECTION
STA. 2643+23 TO 2648+47

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT–OF–WAY NOT DETERMINED
3. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA. 2552+69 TO 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY
4. LIMITS OF SECTION INCLUDE AT–GRADE CROSSINGS THAT ARE NOT DEPICTED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

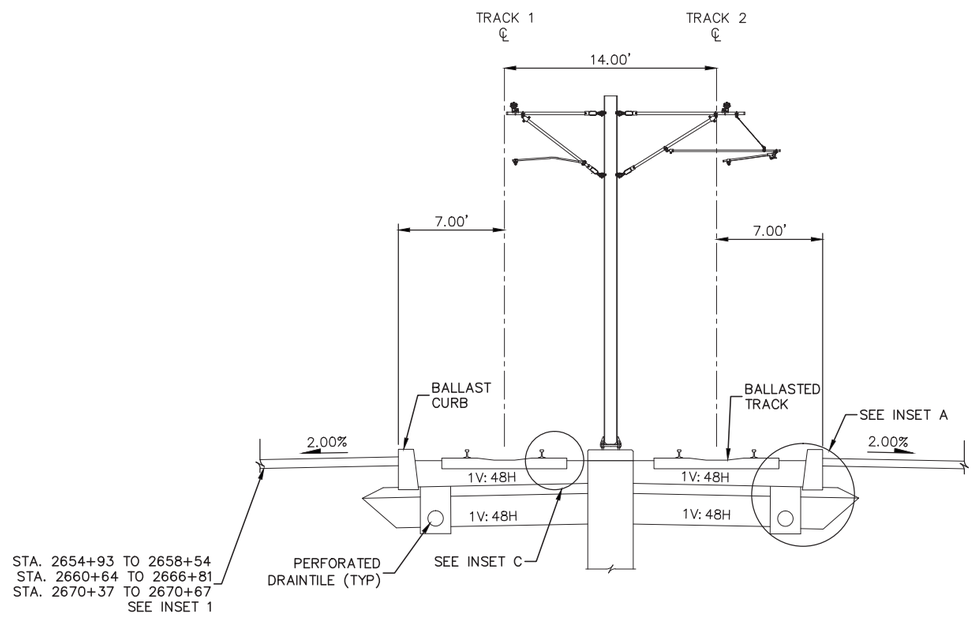
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

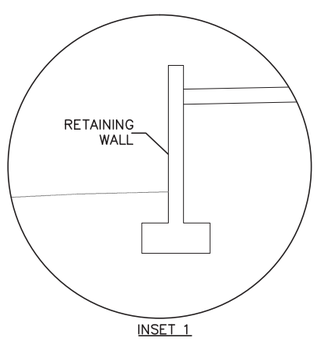
SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYPS - 017

SHEET 97 OF 266

Dec, 07 2015 02:12 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho





INSET 1

TYPICAL SECTION
STA. 2652+47 TO 2666+81
STA. 2669+31 TO 2678+94
STA. 2690+31 TO 2710+63 (ALIGNMENT END)

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED
3. LIMITS OF SECTION INCLUDE AT-GRADE CROSSINGS THAT ARE NOT DEPICTED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc. | ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

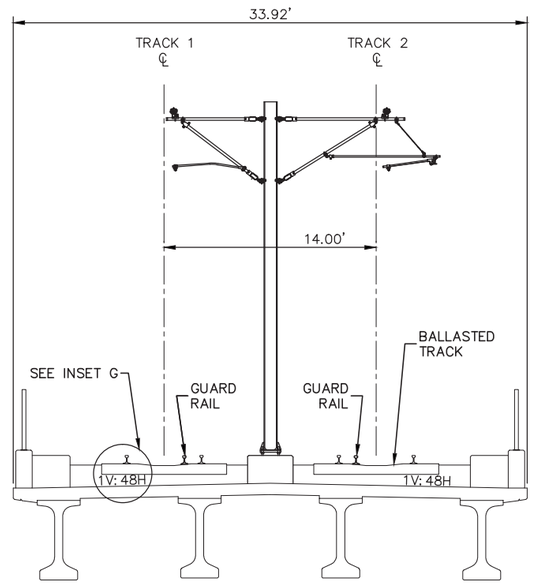
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYPS - 018

SHEET 98 OF 266

Dec, 07 2015 02:13 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



TYPICAL SECTION
LRT BRIDGE OVER TH-610
STA. 2666+81 TO 2669+31

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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WSP | PARSONS BRINCKERHOFF
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MUNICIPAL CONSENT

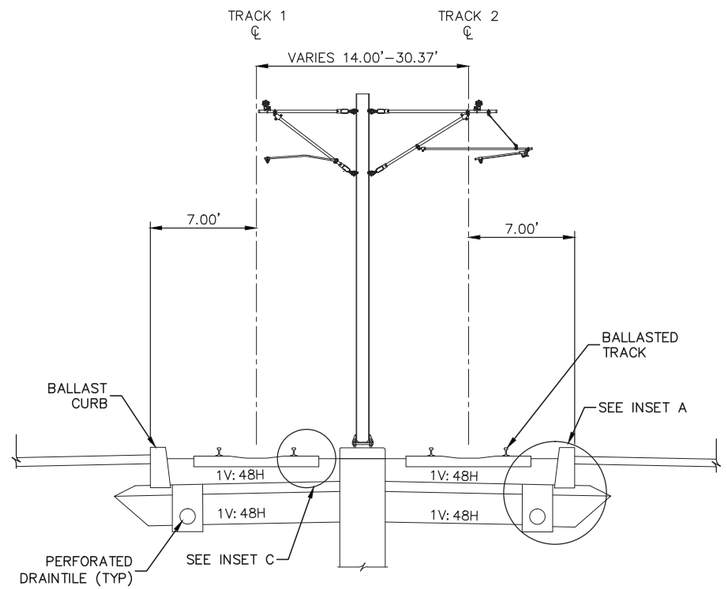
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: **TRACK**
SHEET NAME: **BP-TRK-TYPS - 019**

SHEET **99** OF **266**

Dec, 07 2015 02:14 pm H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



TYPICAL SECTION
STA. 2678+94 TO 2684+15
STA. 2687+74 TO 2690+31

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT–OF–WAY NOT DETERMINED
3. LIMITS OF SECTION INCLUDE AT–GRADE CROSSINGS THAT ARE NOT DEPICTED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

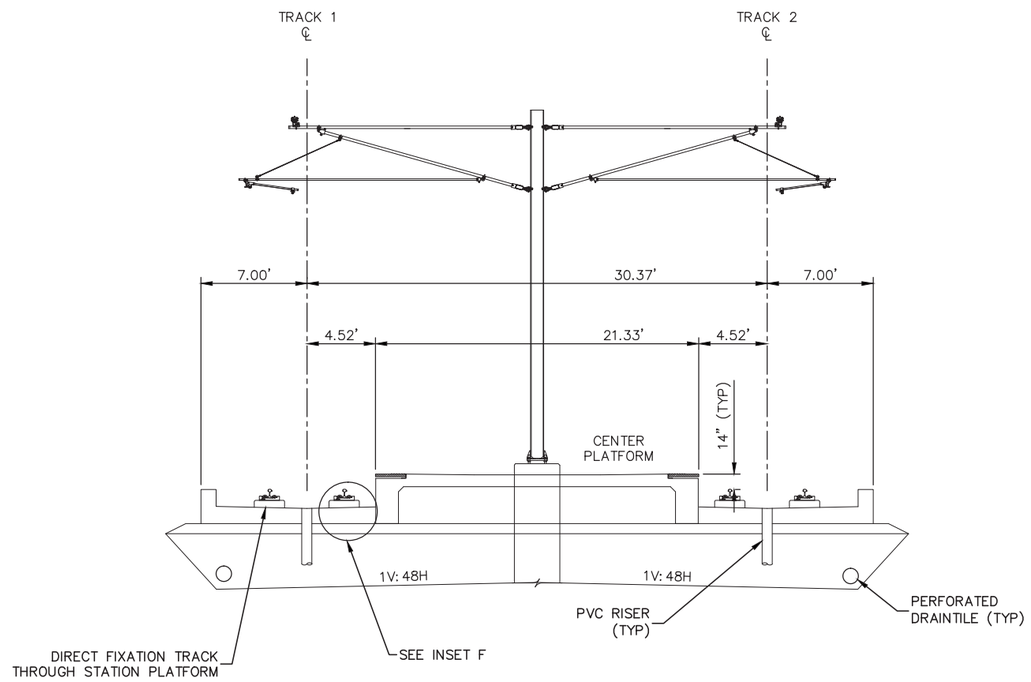
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYPS - 020

SHEET 100 OF 266

Dec, 07 2015 02:14 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



TYPICAL SECTION
OAK GROVE PARKWAY STATION
STA. 2684+15 TO 2687+74

NOTE:
1. FOR INSETS, SEE SHEET 102
2. PROPOSED RIGHT-OF-WAY NOT DETERMINED

0 2.5 5 10
SCALE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
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SRF Consulting Group, Inc. | ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

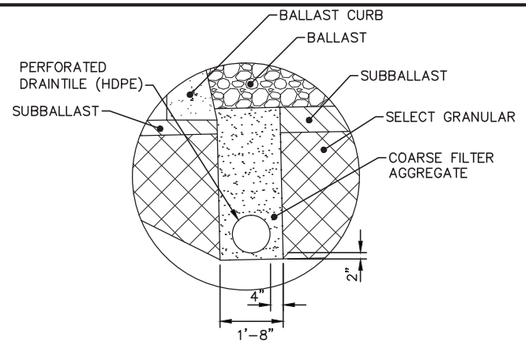
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYPS - 021

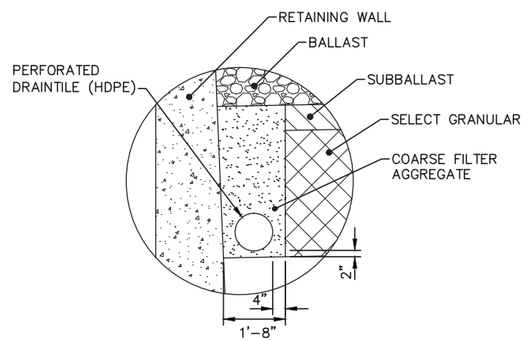
SHEET 101 OF 266

Dec, 07 2015 02:15 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



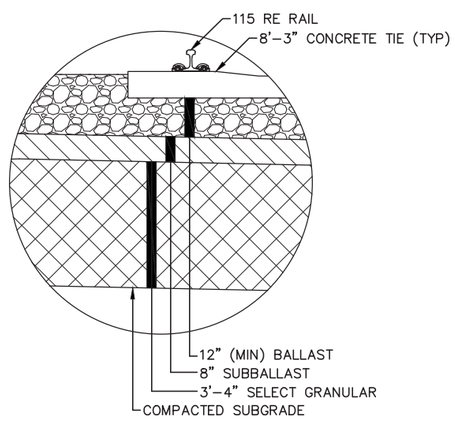
INSET A – BALLAST CURB INTERFACE

NOTE: LEFT SIDE DRAINAGE TRENCH ILLUSTRATED.
FOR RIGHT SIDE, MIRROR SECTION.

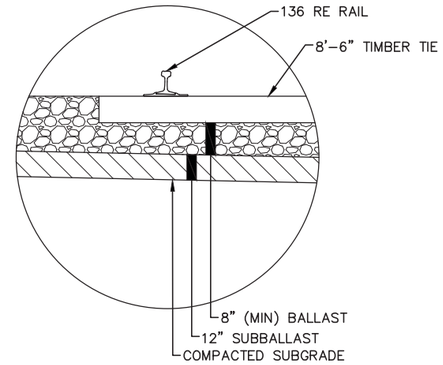


INSET B – RETAINING WALL INTERFACE

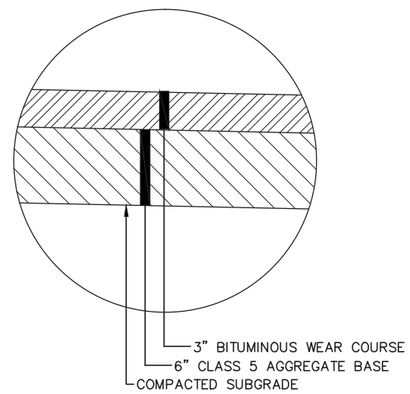
NOTE: LEFT SIDE DRAINAGE TRENCH ILLUSTRATED.
FOR RIGHT SIDE, MIRROR SECTION.



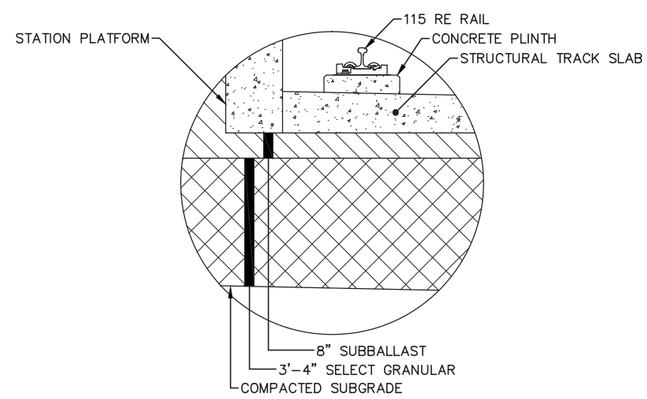
INSET C – TYPICAL BALLASTED TRACK



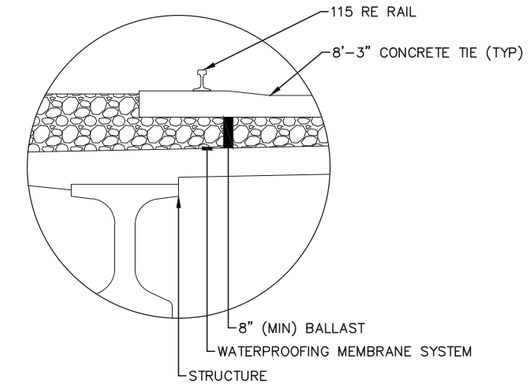
INSET D – TYPICAL BALLASTED FREIGHT TRACK



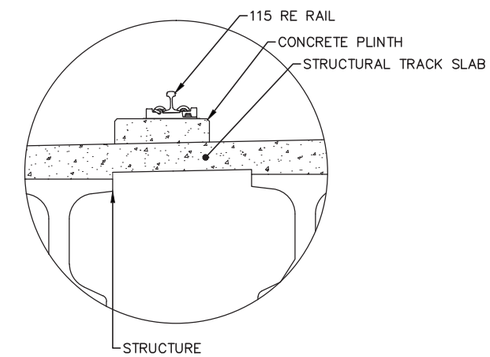
INSET E – TYPICAL TRAIL



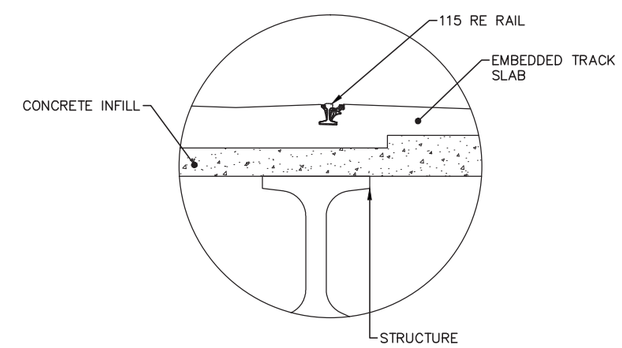
INSET F – TYPICAL DIRECT FIXATION INTERFACE AT STATION PLATFORM



INSET G – BALLASTED LRT TRACK ON STRUCTURE



INSET H – DIRECT FIXATION LRT TRACK ON STRUCTURE



INSET I – EMBEDDED LRT TRACK ON STRUCTURE

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

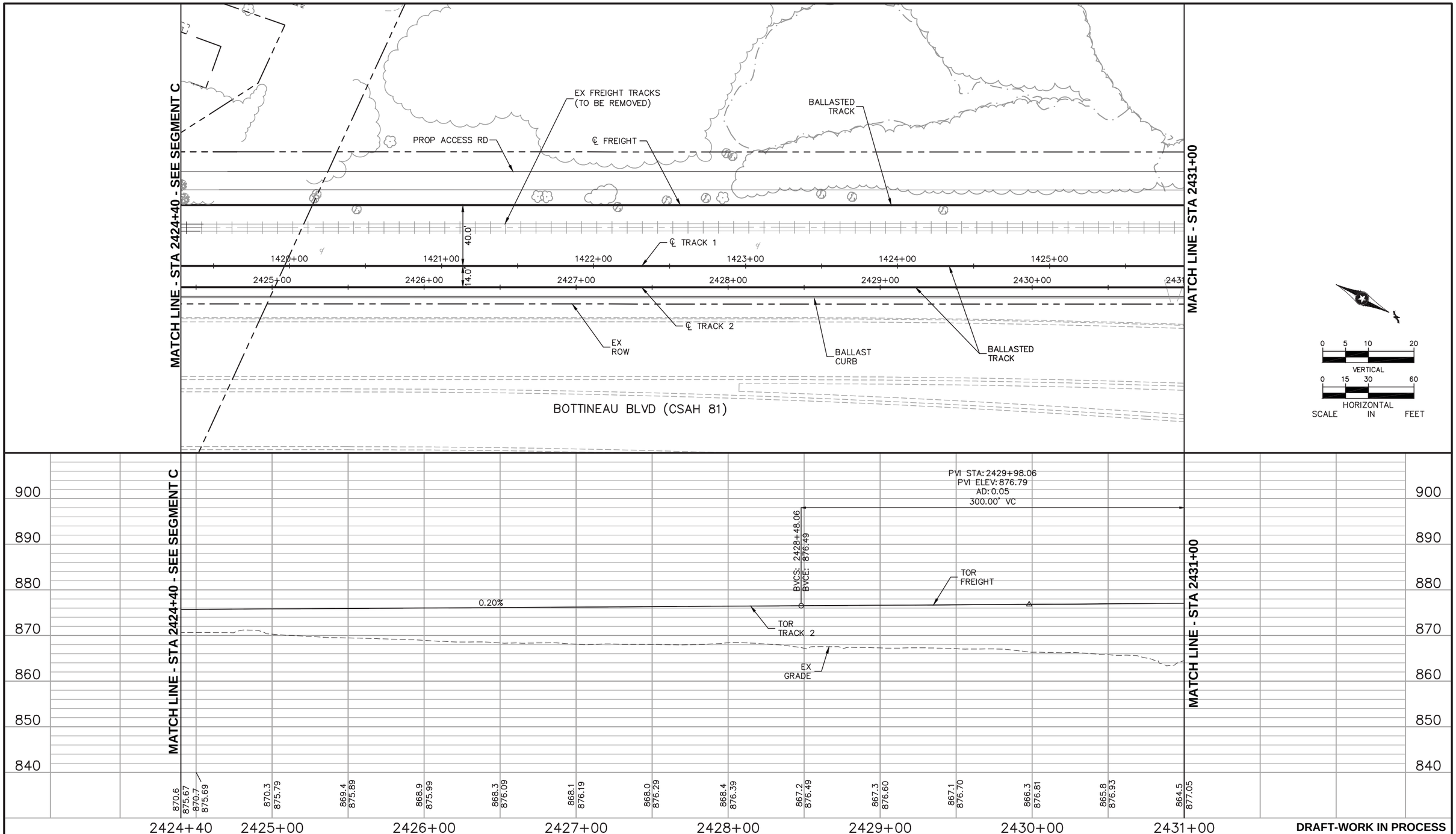
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
TYPICAL SECTIONS

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-TYPS - 022

SHEET 102 OF 266

Dec, 07 2015 02:16 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-TYPS.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

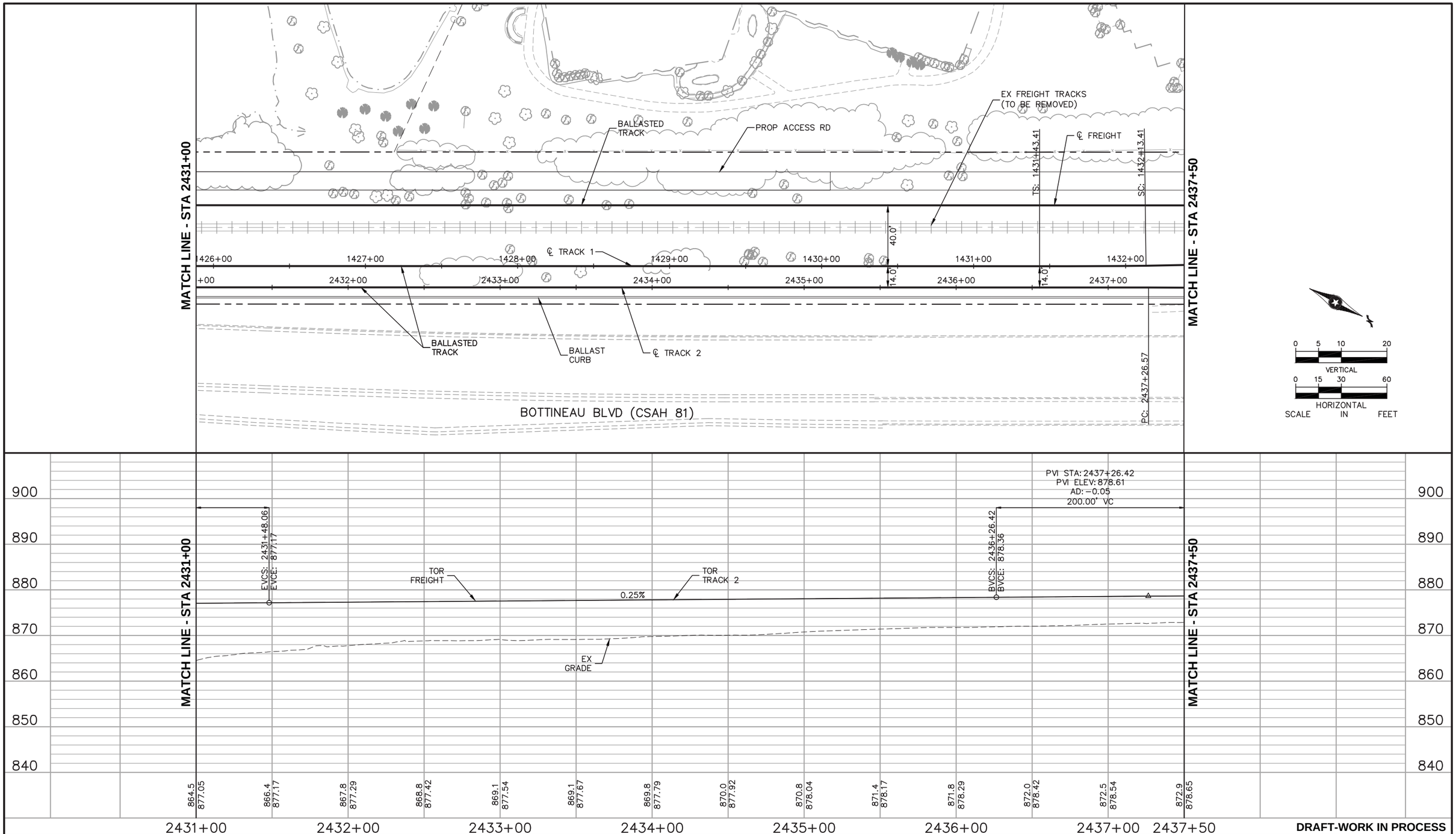
SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2424+40 TO STA 2431+00

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-001

SHEET 103 OF 266

Dec, 09 2015 08:39 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2431+00 TO STA 2437+50

DISCIPLINE: TRACK

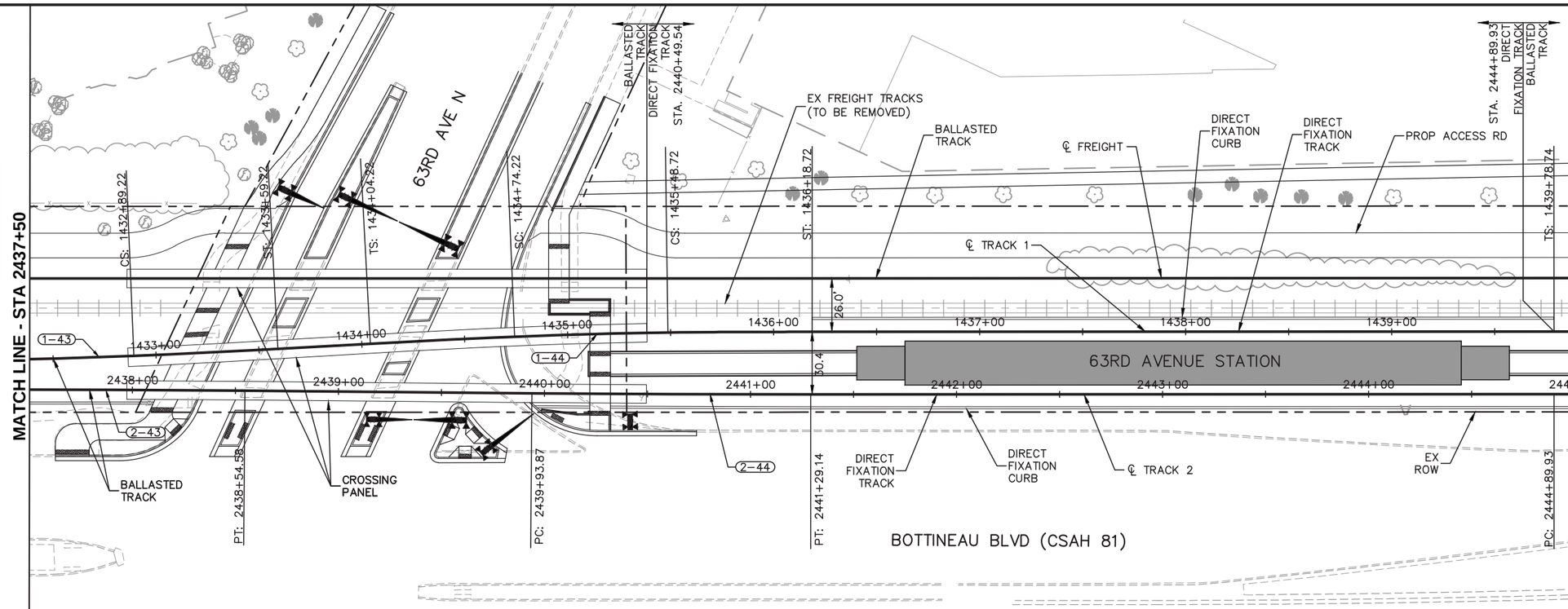
SHEET NAME: BP-TRK-PPFL-002

SHEET 104 OF 266

Dec. 09 2015 08:40 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho

CURVE NO 1-43
R = 2700.00'
Lc = 75.81'
Ls = 70.00'
Ea = 0.00"
Eu = 1.80"
Vd = 35 MPH

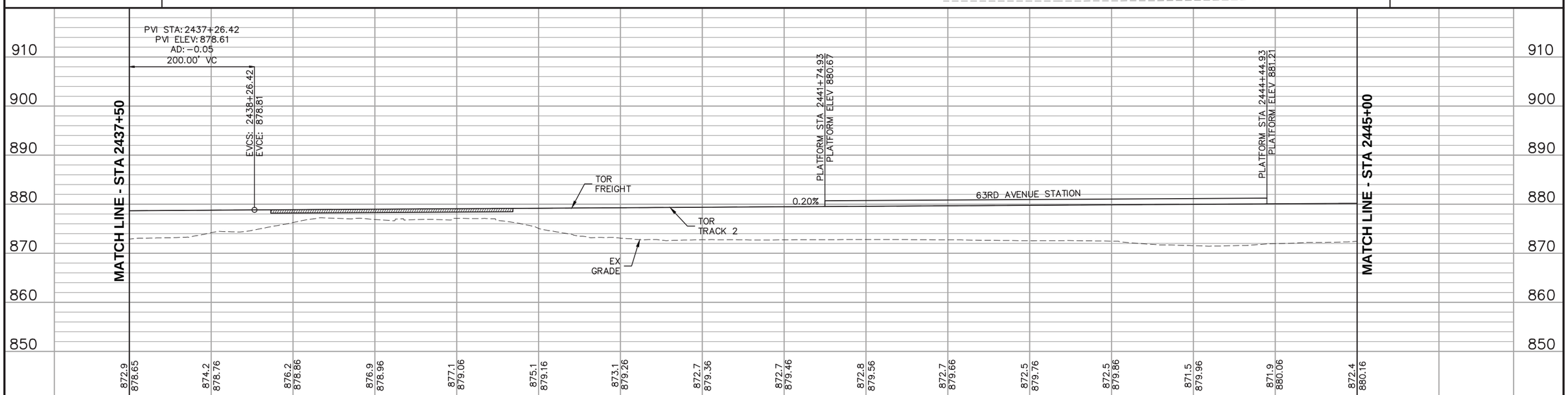
CURVE NO 2-43
R = 15000.00'
Lc = 128.01'
Ls = 0.00'
Ea = 0.00"
Eu = 0.53"
Vd = 45 MPH



CURVE NO 1-44
R = 2700.00'
Lc = 74.50'
Ls = 70.00'
Ea = 0.00"
Eu = 1.80"
Vd = 35 MPH

CURVE NO 2-44
R = 15000.00'
Lc = 135.27'
Ls = 0.00'
Ea = 0.00"
Eu = 0.53"
Vd = 45 MPH

0 5 10 20
VERTICAL
0 15 30 60
HORIZONTAL
SCALE IN FEET



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2437+50 TO STA 2445+00

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-PPFL-003

SHEET 105 OF 266

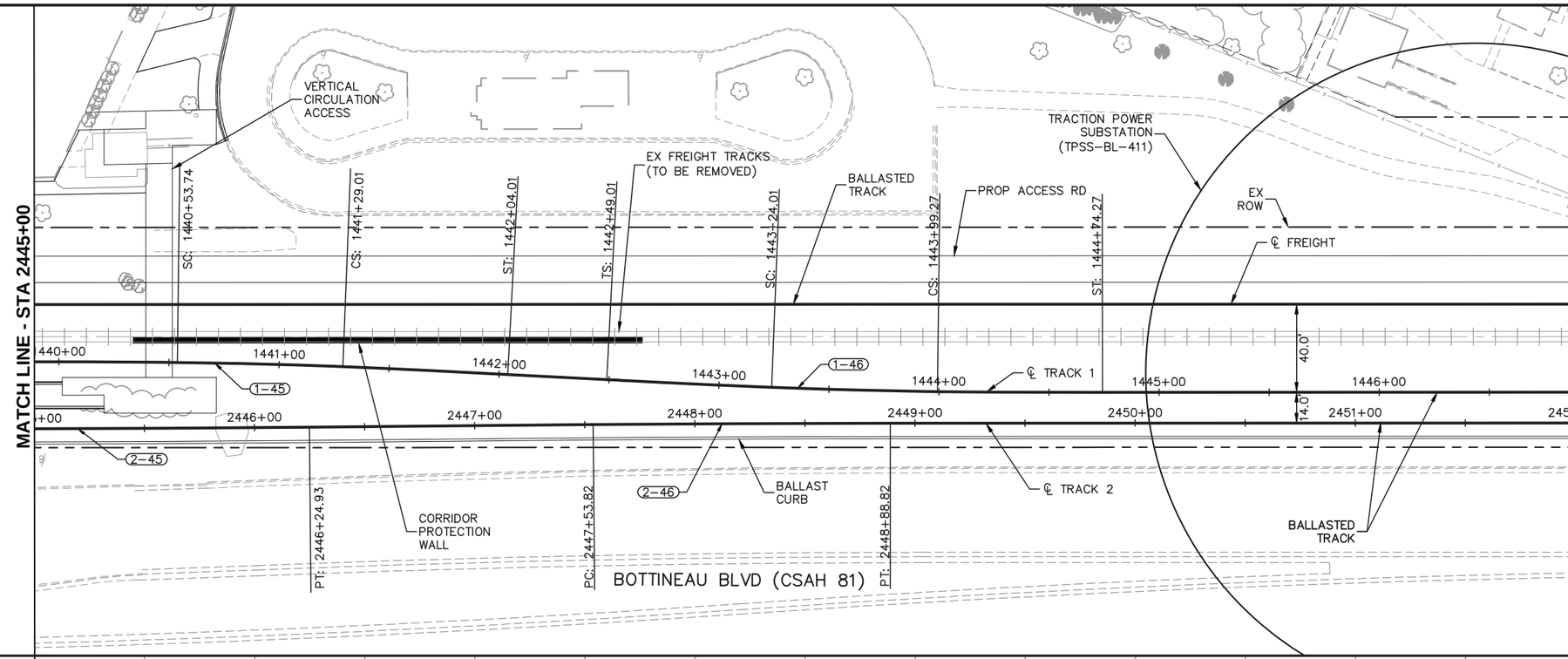
Dec, 09 2015 08:43 am H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho

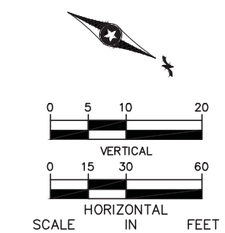
CURVE NO 1-45
R = 2900.00'
Lc = 75.27'
Ls = 75.00'
Ea = 1.25"
Eu = 1.52"
Vd = 45 MPH

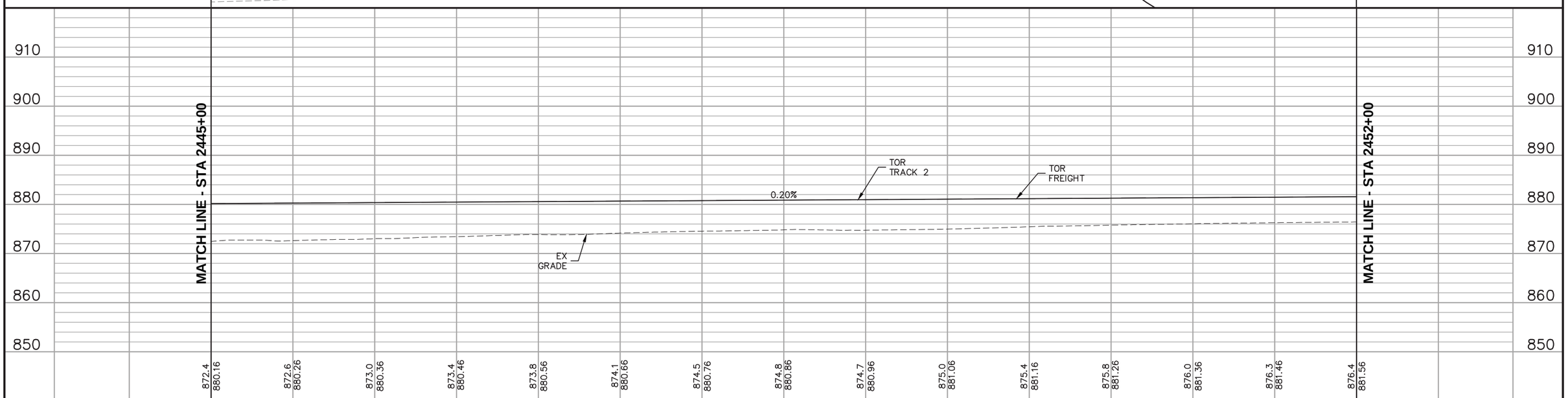
CURVE NO 2-45
R = 15000.00'
Lc = 135.00'
Ls = 0.00'
Ea = 0.00"
Eu = 0.32"
Vd = 35 MPH

CURVE NO 1-46
R = 2900.00'
Lc = 75.26'
Ls = 75.00'
Ea = 1.25"
Eu = 1.52"
Vd = 45 MPH

CURVE NO 2-46
R = 15000.00'
Lc = 135.00'
Ls = 0.00'
Ea = 0.00"
Eu = 0.32"
Vd = 35 MPH







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

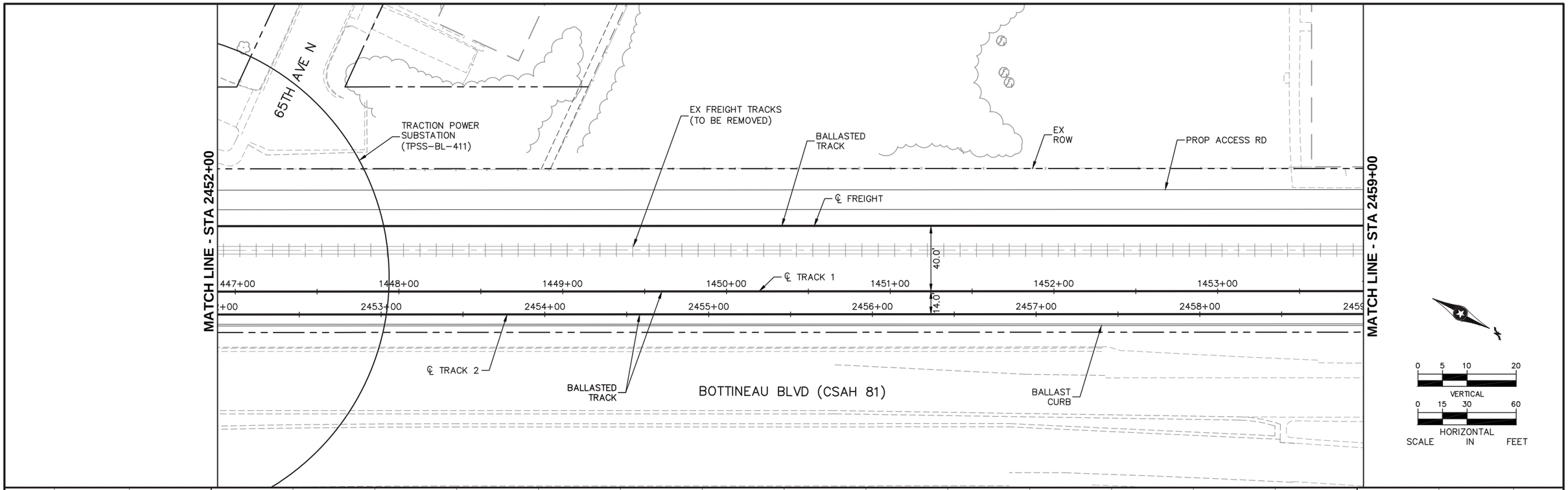
SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2445+00 TO STA 2452+00

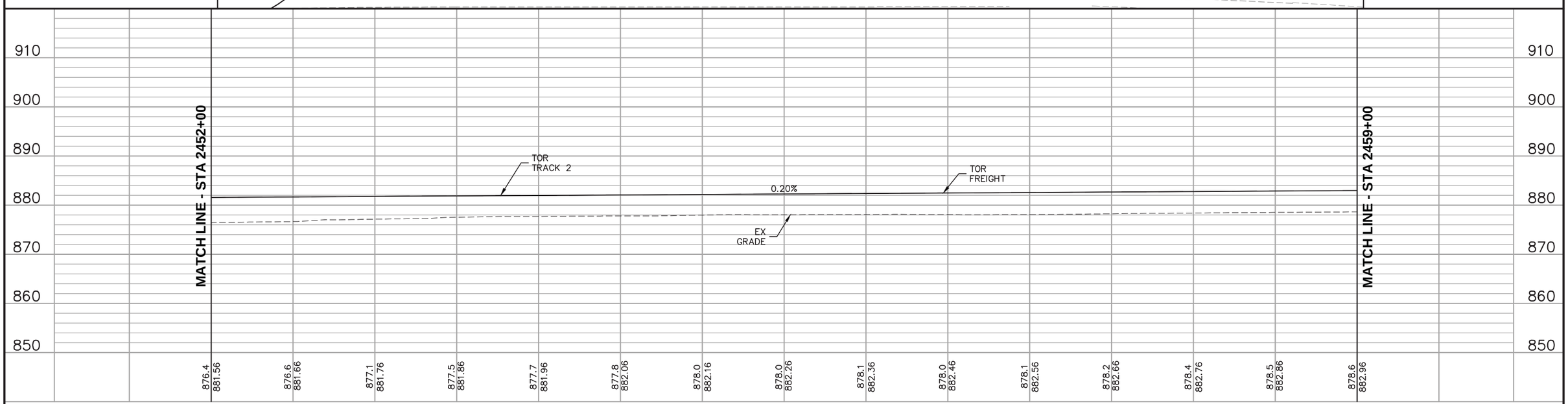
DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-004

SHEET 106 OF 266

Dec, 09 2015 08:45 am H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

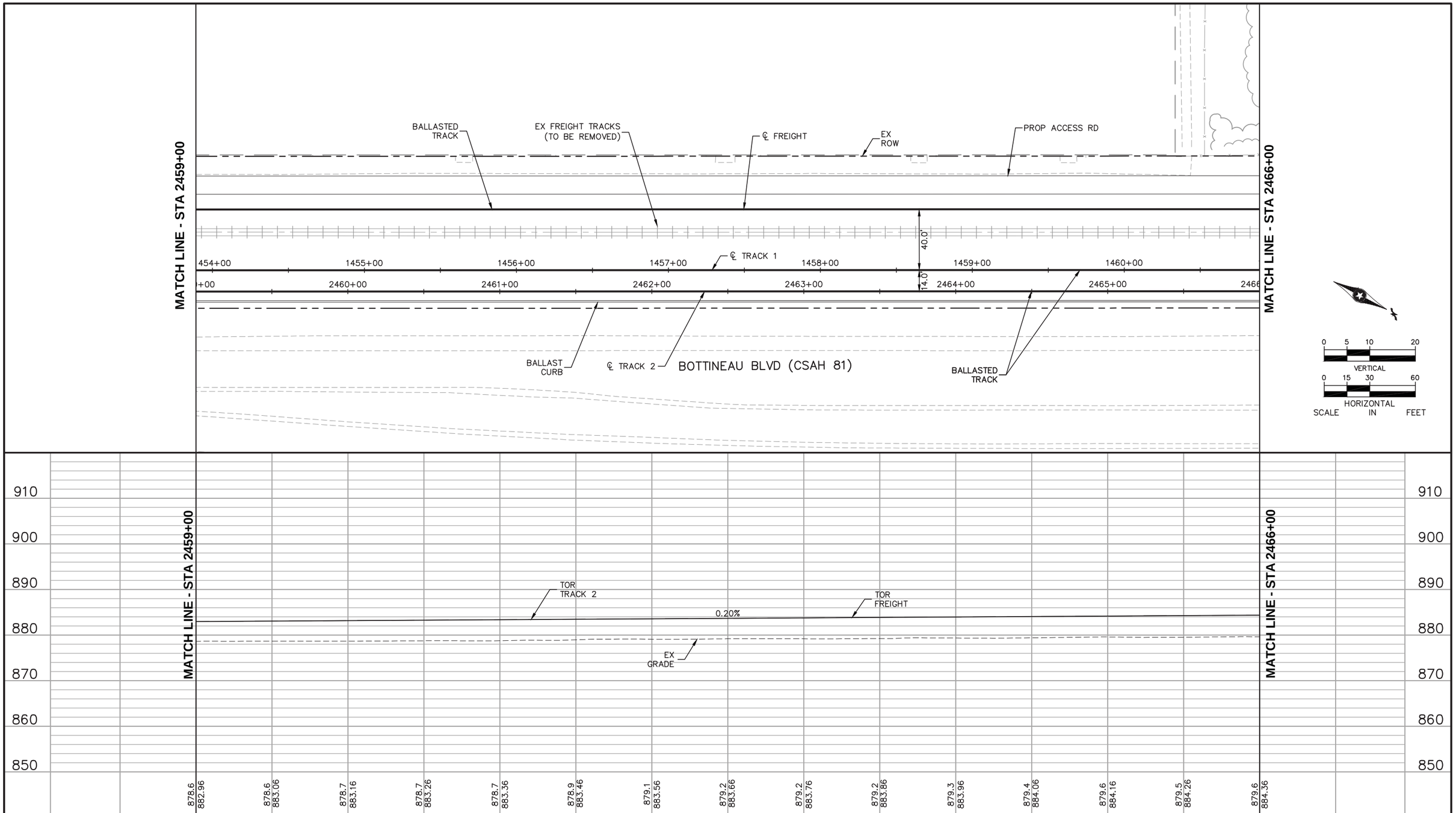
SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2452+00 TO STA 2459+00

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-005

SHEET 107 OF 266

Dec, 09 2015 08:46 am H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2459+00 TO STA 2466+00

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-006

SHEET 108 OF 266

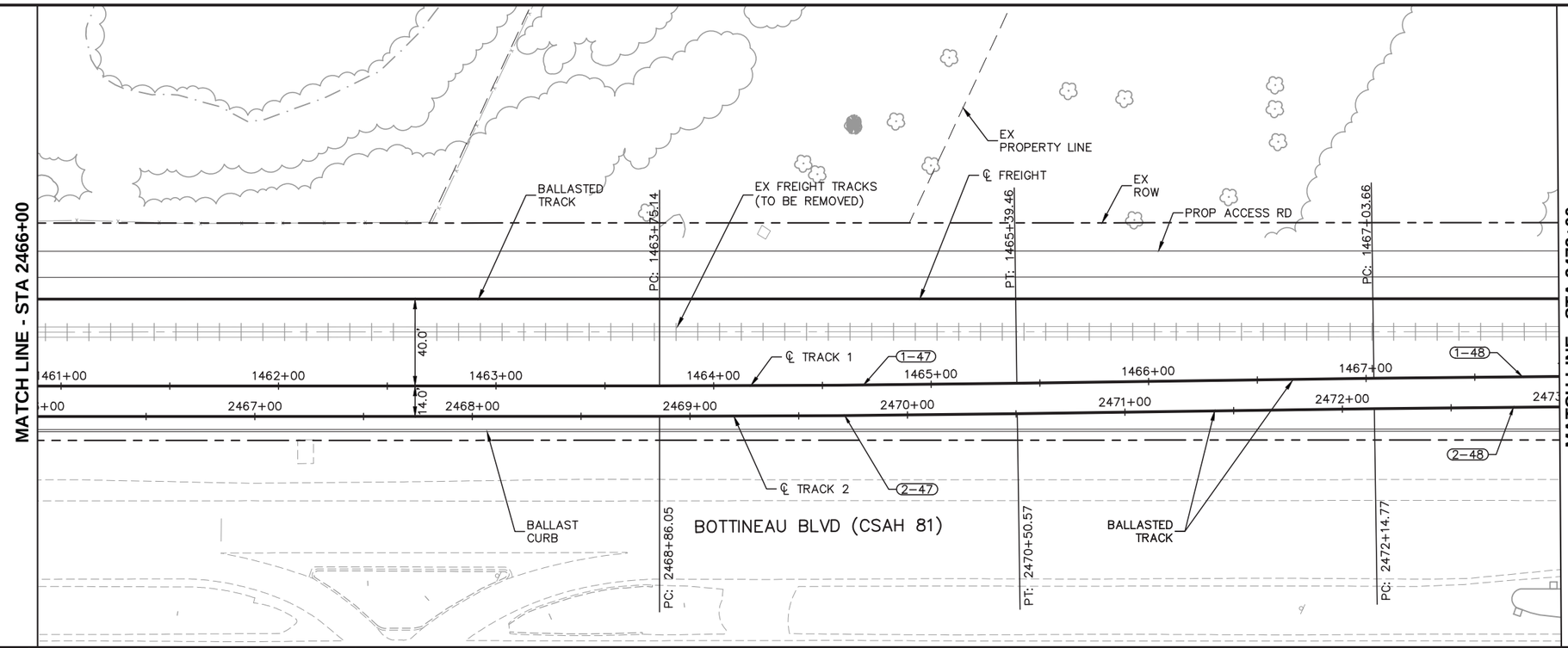
Dec, 09 2015 08:47 am H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho

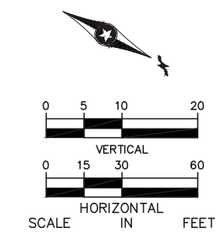
CURVE NO 1–47
R = 12000.00'
Lc = 164.32'
Ls = 0.00'
Ea = 0.00"
Eu = 1.00"
Vd = 55 MPH

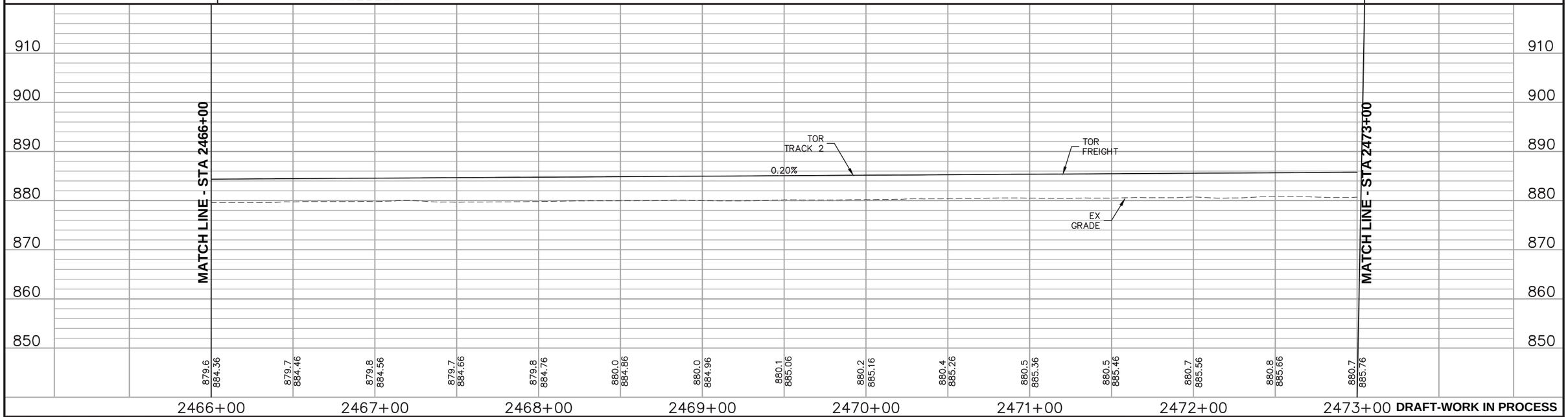
CURVE NO 2–47
R = 12014.00'
Lc = 164.52'
Ls = 0.00'
Ea = 0.00"
Eu = 1.00"
Vd = 55 MPH

CURVE NO 1–48
R = 12014.00'
Lc = 164.52'
Ls = 0.00'
Ea = 0.00"
Eu = 1.00"
Vd = 55 MPH

CURVE NO 2–48
R = 12000.00'
Lc = 164.32'
Ls = 0.00'
Ea = 0.00"
Eu = 1.00"
Vd = 55 MPH







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2466+00 TO STA 2473+00

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-PPFL-007

SHEET 109 OF 266

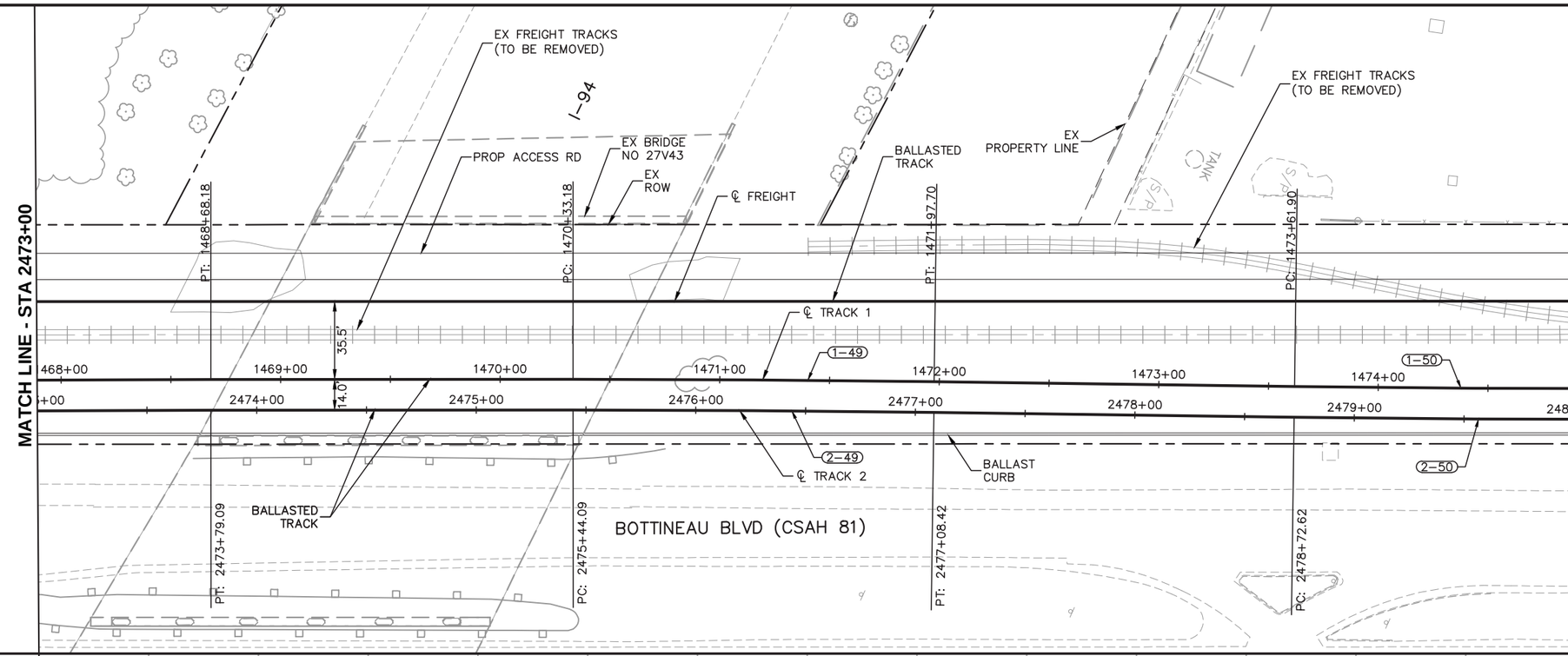
Dec, 09 2015 08:49 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho

CURVE NO 1–49
R = 12014.00'
Lc = 164.52'
Ls = 0.00'
Ea = 0.00"
Eu = 1.00"
Vd = 55 MPH

CURVE NO 2–49
R = 12000.00'
Lc = 164.33'
Ls = 0.00'
Ea = 0.00"
Eu = 1.00"
Vd = 55 MPH

CURVE NO 1–50
R = 12000.00'
Lc = 164.32'
Ls = 0.00'
Ea = 0.00"
Eu = 1.00"
Vd = 55 MPH

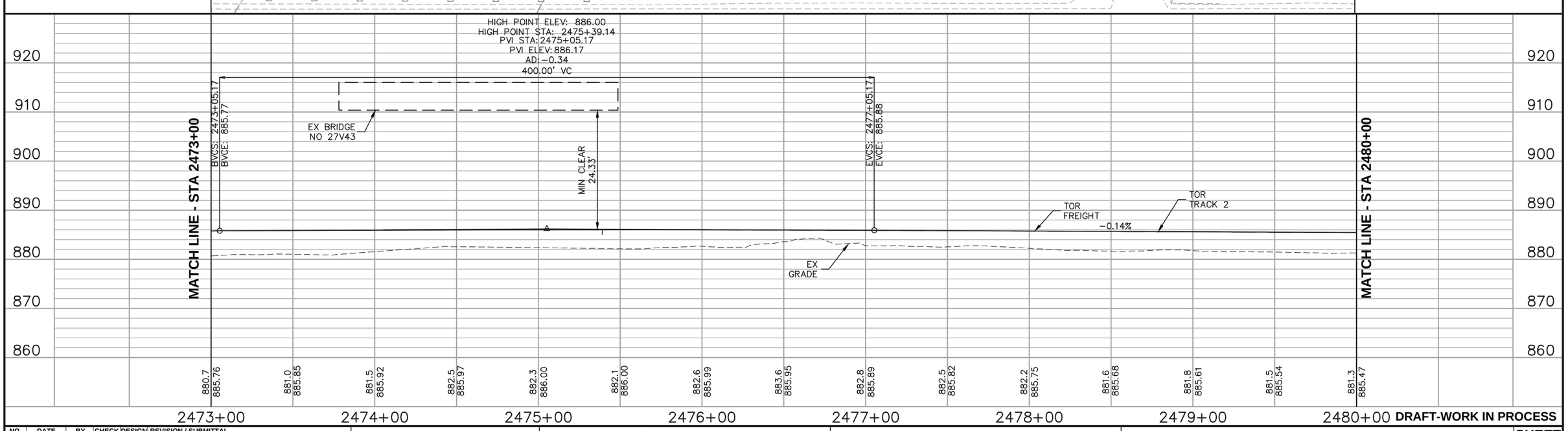
CURVE NO 2–50
R = 12014.00'
Lc = 164.52'
Ls = 0.00'
Ea = 0.00"
Eu = 1.00"
Vd = 55 MPH



VERTICAL

HORIZONTAL

SCALE IN FEET



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

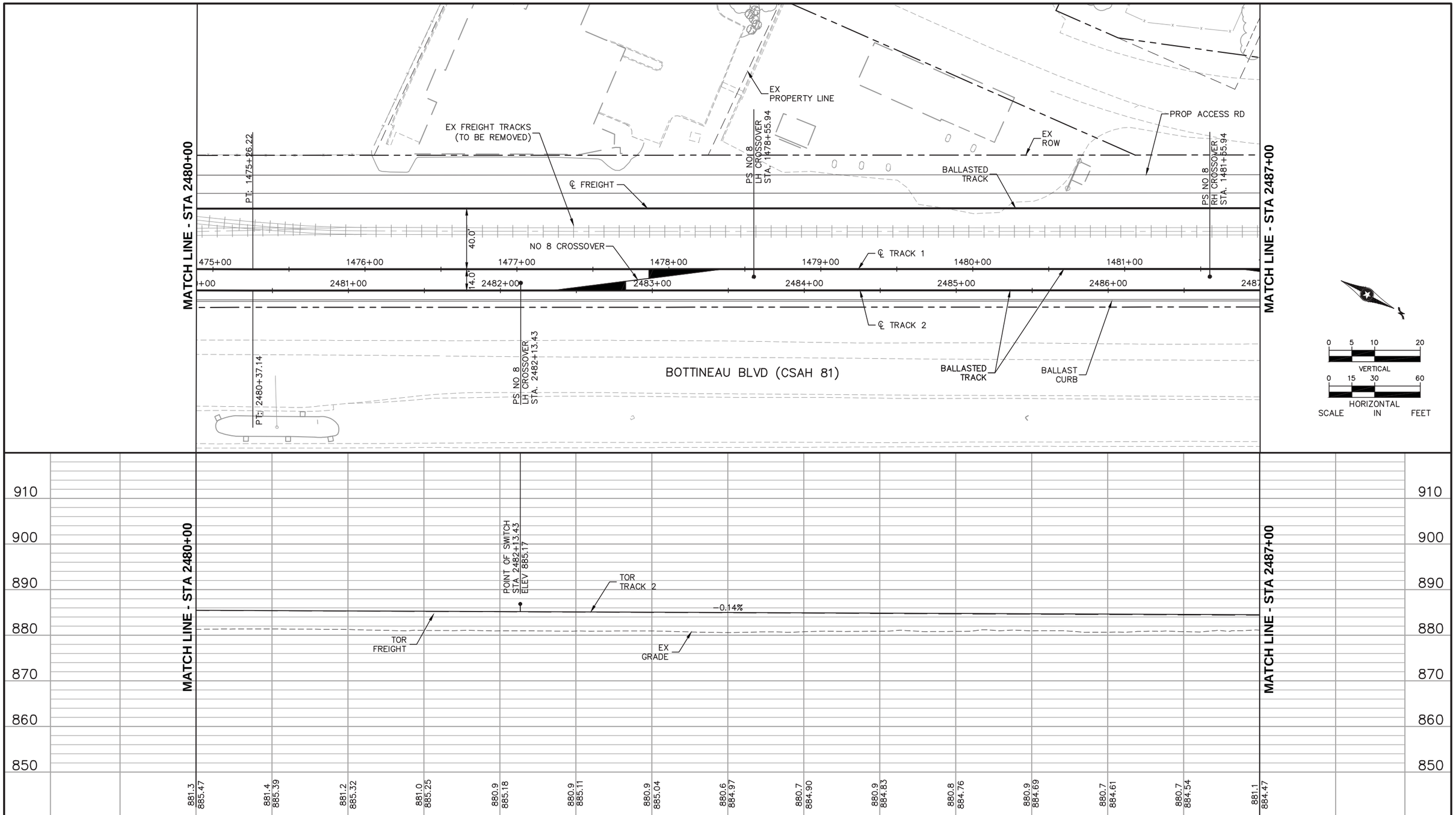
SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2473+00 TO STA 2480+00

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-008

SHEET 110 OF 266

Dec, 09 2015 08:52 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

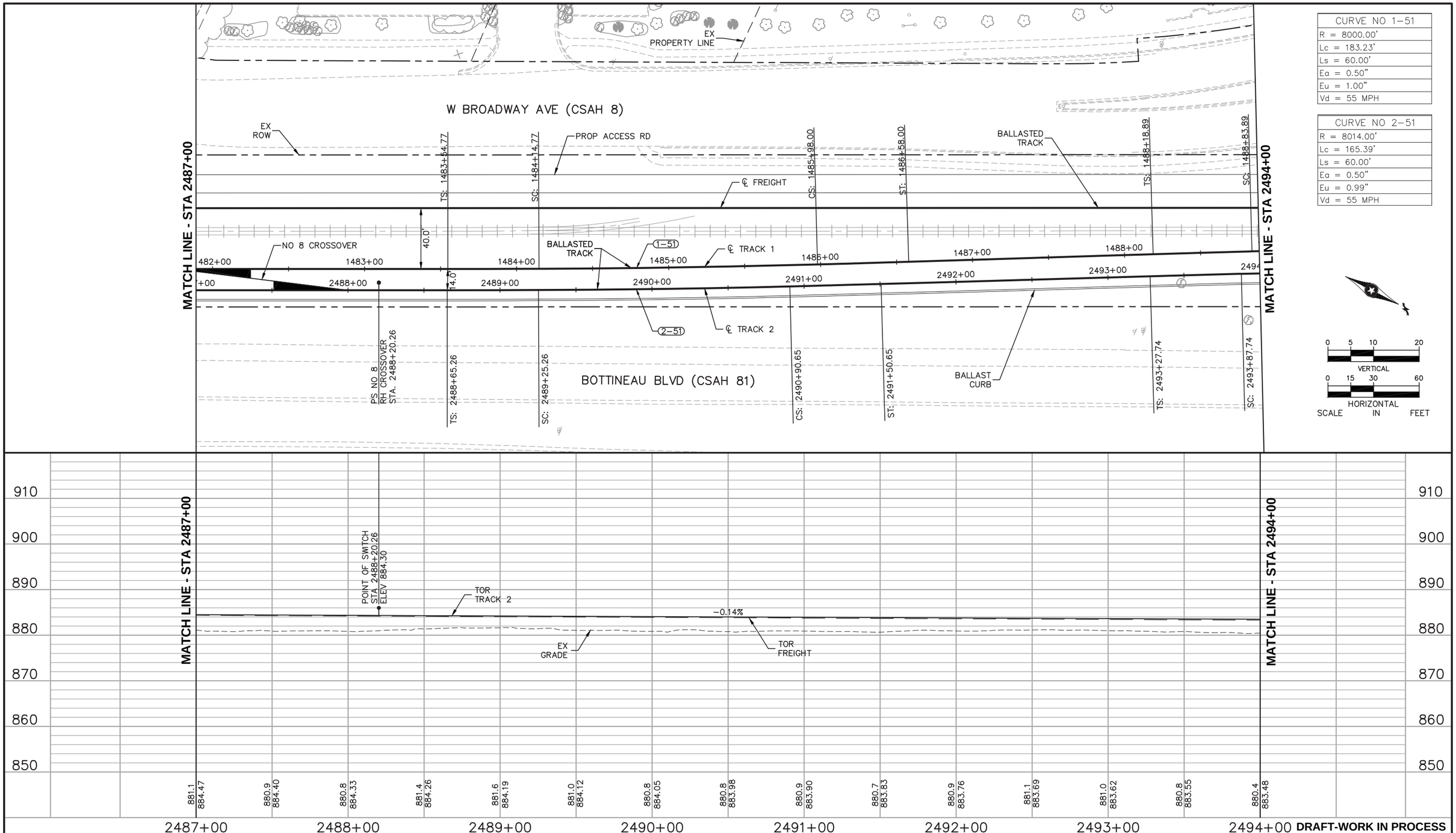
SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2480+00 TO STA 2487+00

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-009

SHEET 111 OF 266

Dec, 09 2015 08:53 am H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho



CURVE NO 1-51
R = 8000.00'
Lc = 183.23'
Ls = 60.00'
Ea = 0.50"
Eu = 1.00"
Vd = 55 MPH

CURVE NO 2-51
R = 8014.00'
Lc = 165.39'
Ls = 60.00'
Ea = 0.50"
Eu = 0.99"
Vd = 55 MPH

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2487+00 TO STA 2494+00

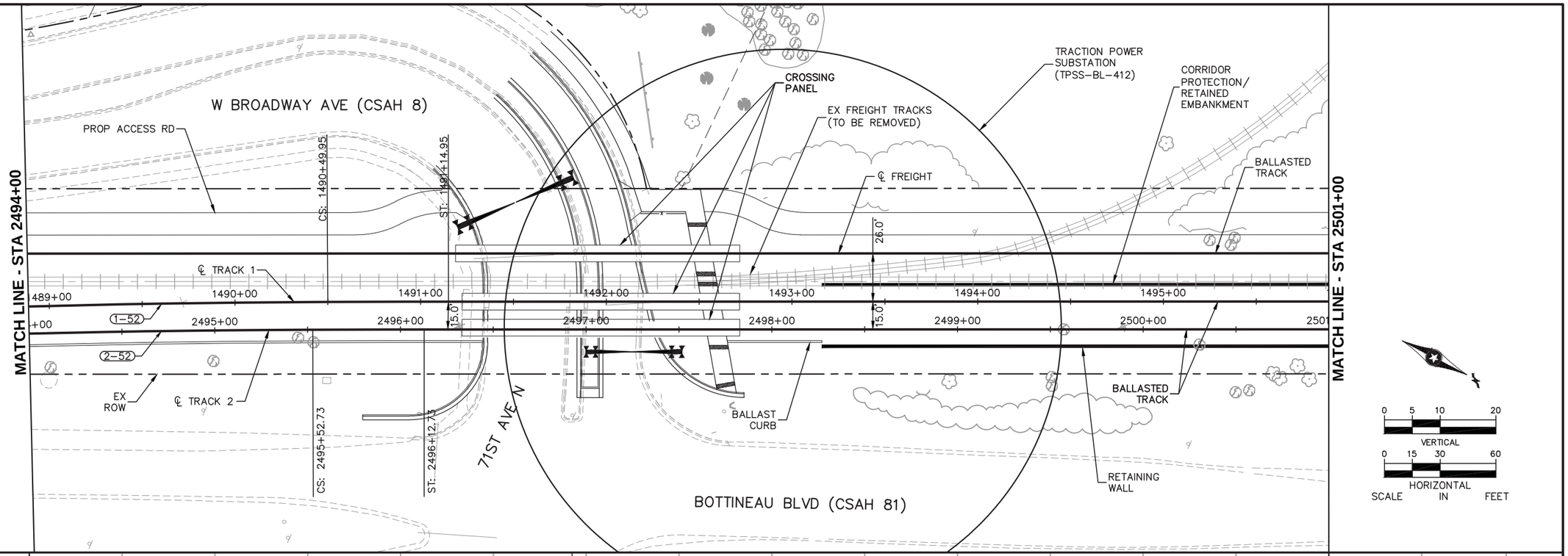
DISCIPLINE: TRACK
SHEET NAME: BP-TRK-PPFL-010

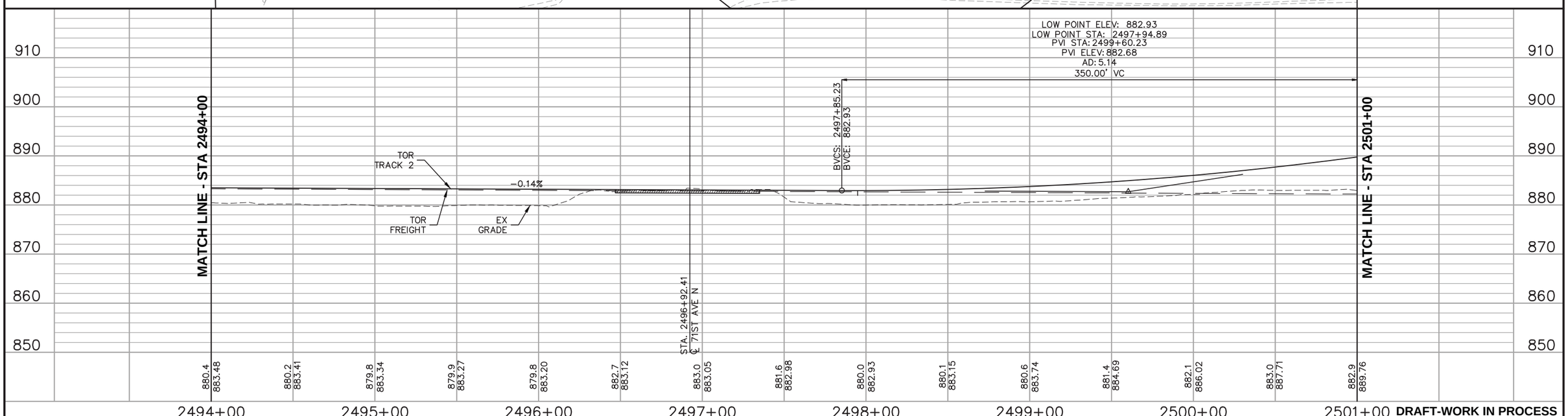
SHEET 112 OF 266

Dec, 09 2015 08:55 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho

CURVE NO 1-52
R = 7600.00'
Lc = 166.06'
Ls = 65.00'
Ea = 0.50"
Eu = 1.08"
Vd = 55 MPH

CURVE NO 2-52
R = 8000.00'
Lc = 164.99'
Ls = 60.00'
Ea = 0.50"
Eu = 1.00"
Vd = 55 MPH





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2494+00 TO STA 2501+00

DISCIPLINE: TRACK

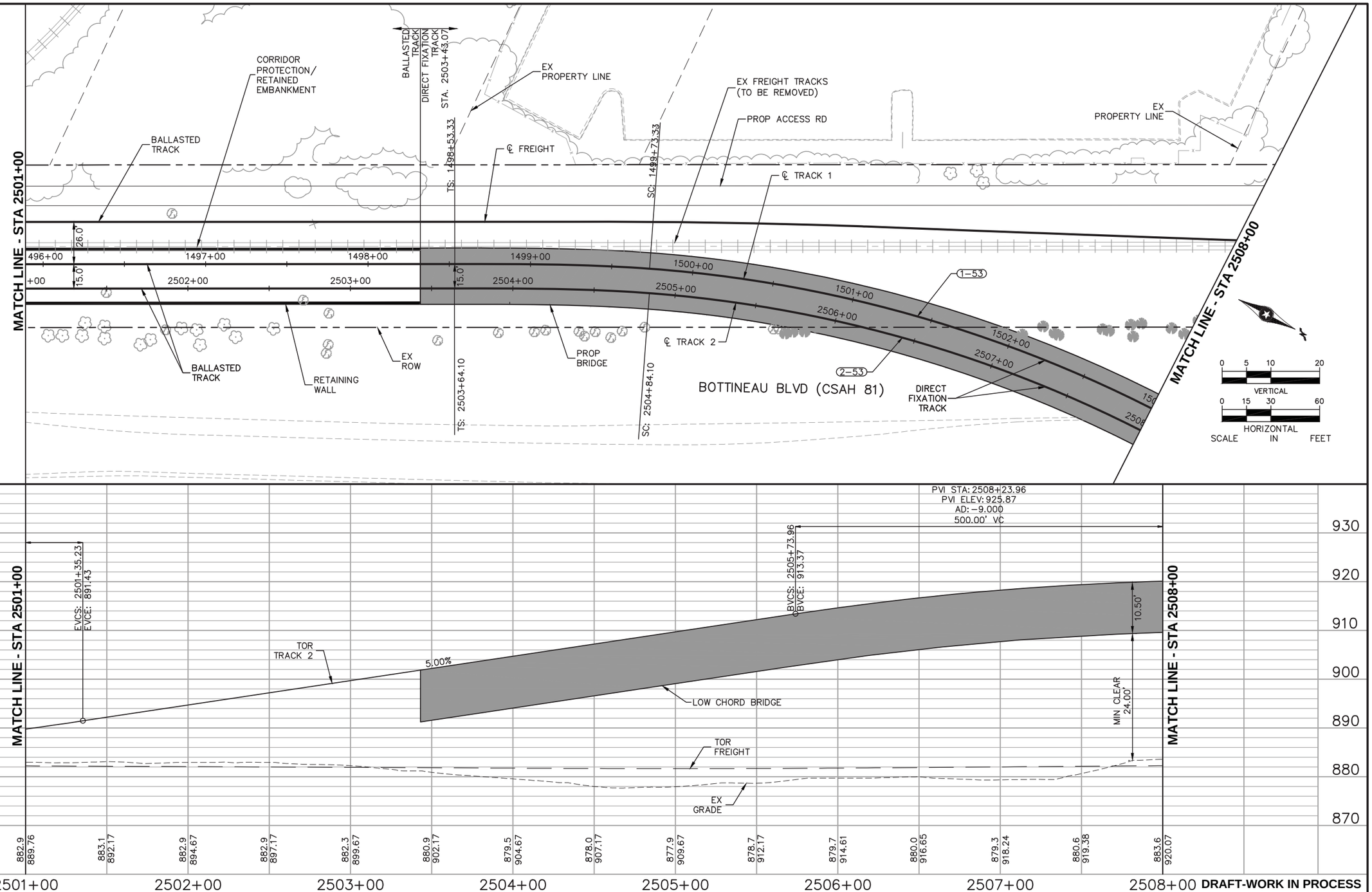
SHEET NAME: BP-TRK-PPFL-011

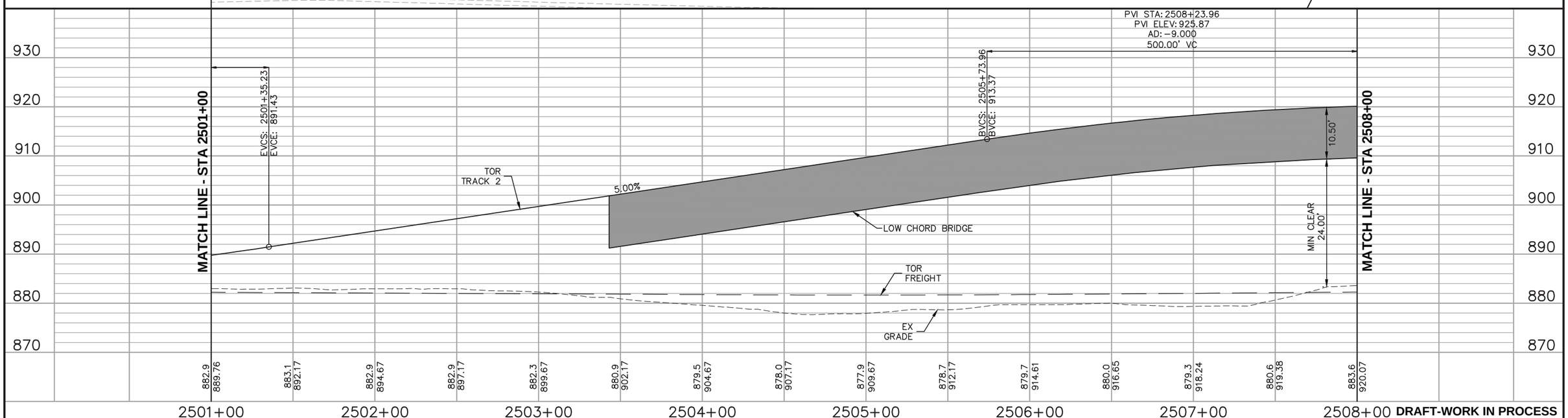
SHEET 113 OF 266

Dec, 09 2015 08:56 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho

CURVE NO 1–53
R = 815.00'
Lc = 694.55'
Ls = 120.00'
Ea = 3.25"
Eu = 2.70"
Vd = 35 MPH

CURVE NO 2–53
R = 800.00'
Lc = 679.46'
Ls = 120.00'
Ea = 3.25"
Eu = 2.81"
Vd = 35 MPH





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BottineauLRT

METROPOLITAN COUNCIL

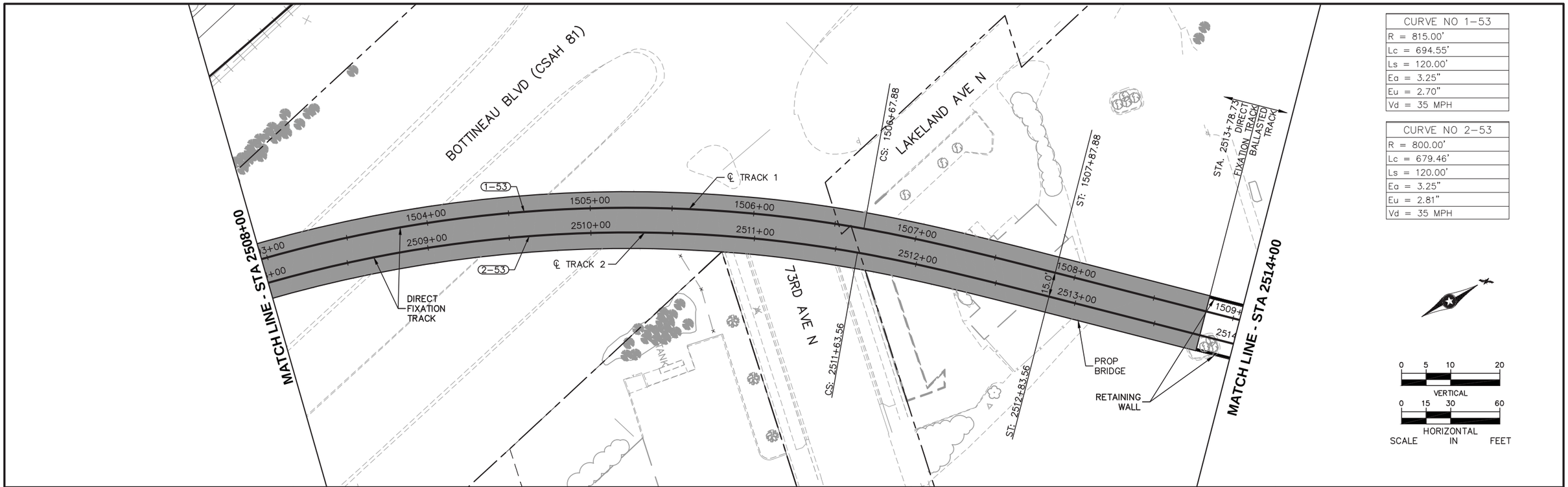
SEGMENT BP
RAIL CORRIDOR
PLAN AND PROFILE
STA 2501+00 TO STA 2508+00

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-012

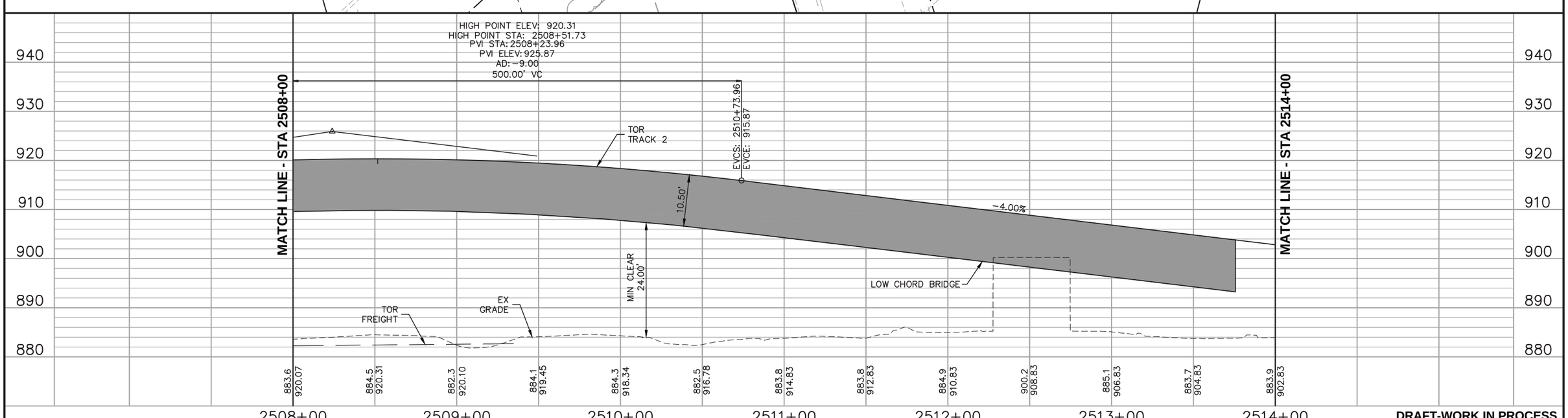
SHEET 114 OF 266

Dec, 09 2015 08:58 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho



CURVE NO 1-53
R = 815.00'
Lc = 694.55'
Ls = 120.00'
Ea = 3.25"
Eu = 2.70"
Vd = 35 MPH

CURVE NO 2-53
R = 800.00'
Lc = 679.46'
Ls = 120.00'
Ea = 3.25"
Eu = 2.81"
Vd = 35 MPH



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

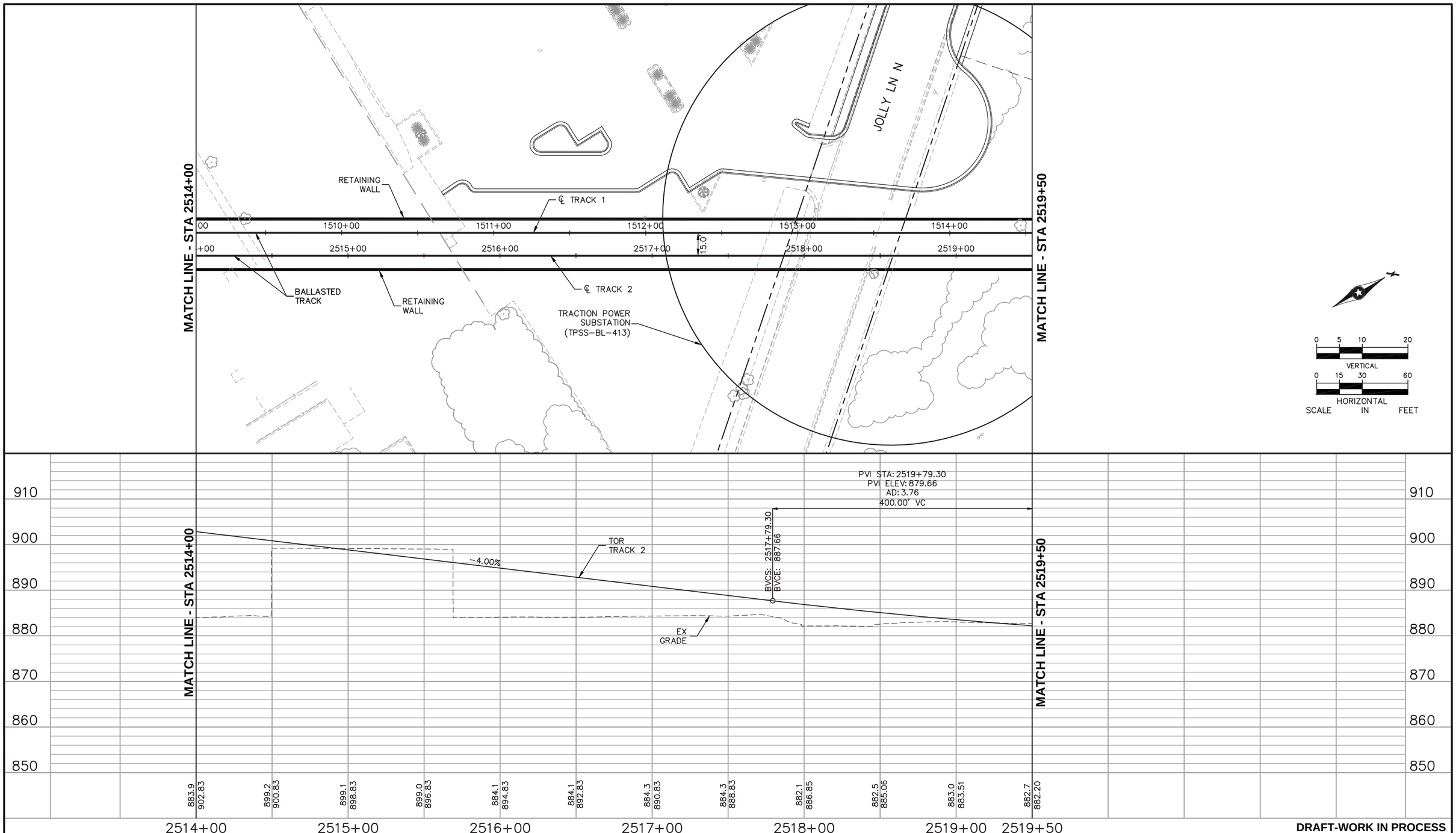
SEGMENT BP
73RD AVENUE BRIDGE
PLAN AND PROFILE
STA 2508+00 TO STA 2514+00

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-013

SHEET 115 OF 266

Dec, 09 2015 09:00 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

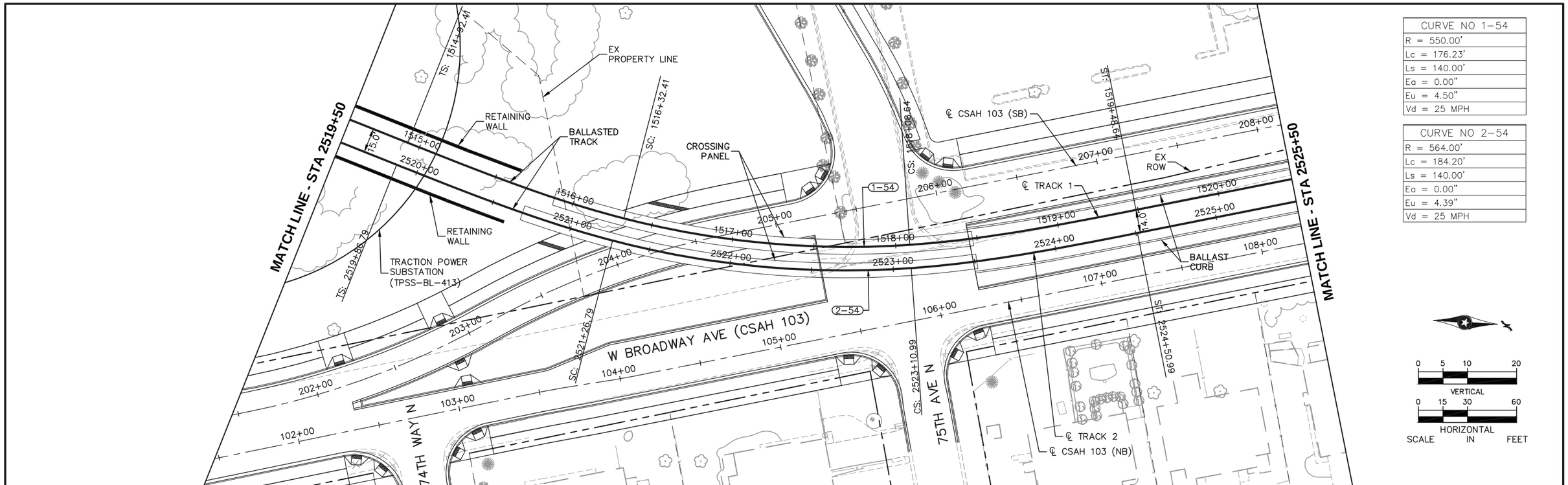
SEGMENT BP
73RD AVENUE BRIDGE
PLAN AND PROFILE
STA 2514+00 TO STA 2519+50

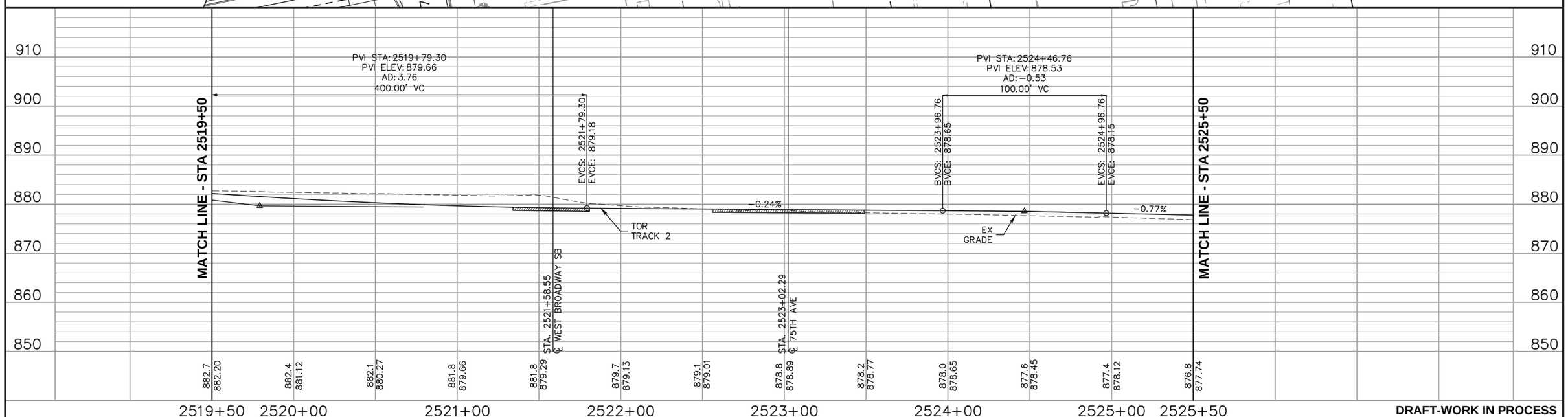
DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-014

SHEET 116 OF 266

Dec, 09 2015 09:01 am H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2519+50 TO STA 2525+50

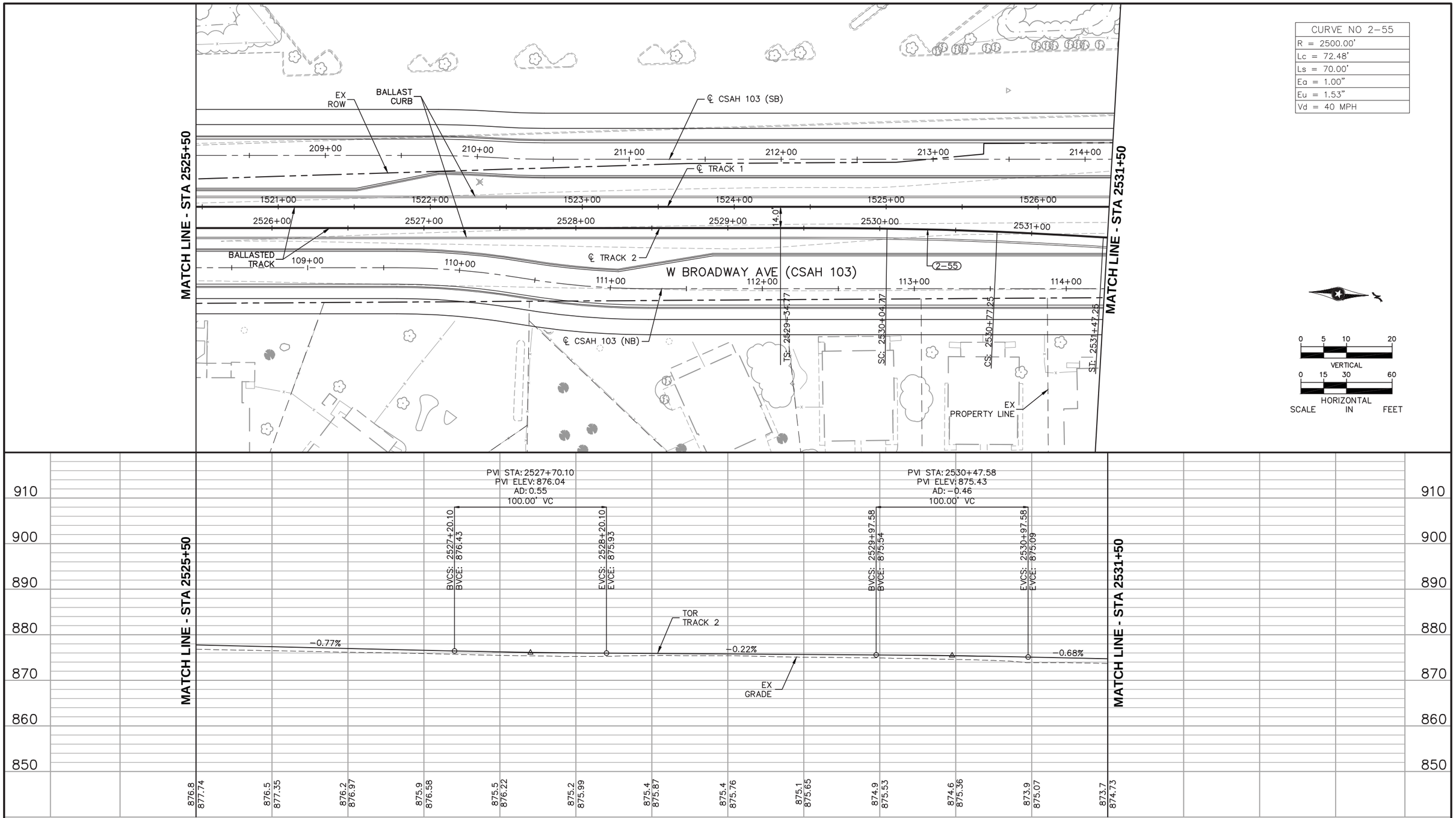
DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-015

SHEET 117 OF 266

Dec, 09 2015 09:02 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho

CURVE NO 2-55
R = 2500.00'
Lc = 72.48'
Ls = 70.00'
Ea = 1.00"
Eu = 1.53"
Vd = 40 MPH



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2525+50 TO STA 2531+50

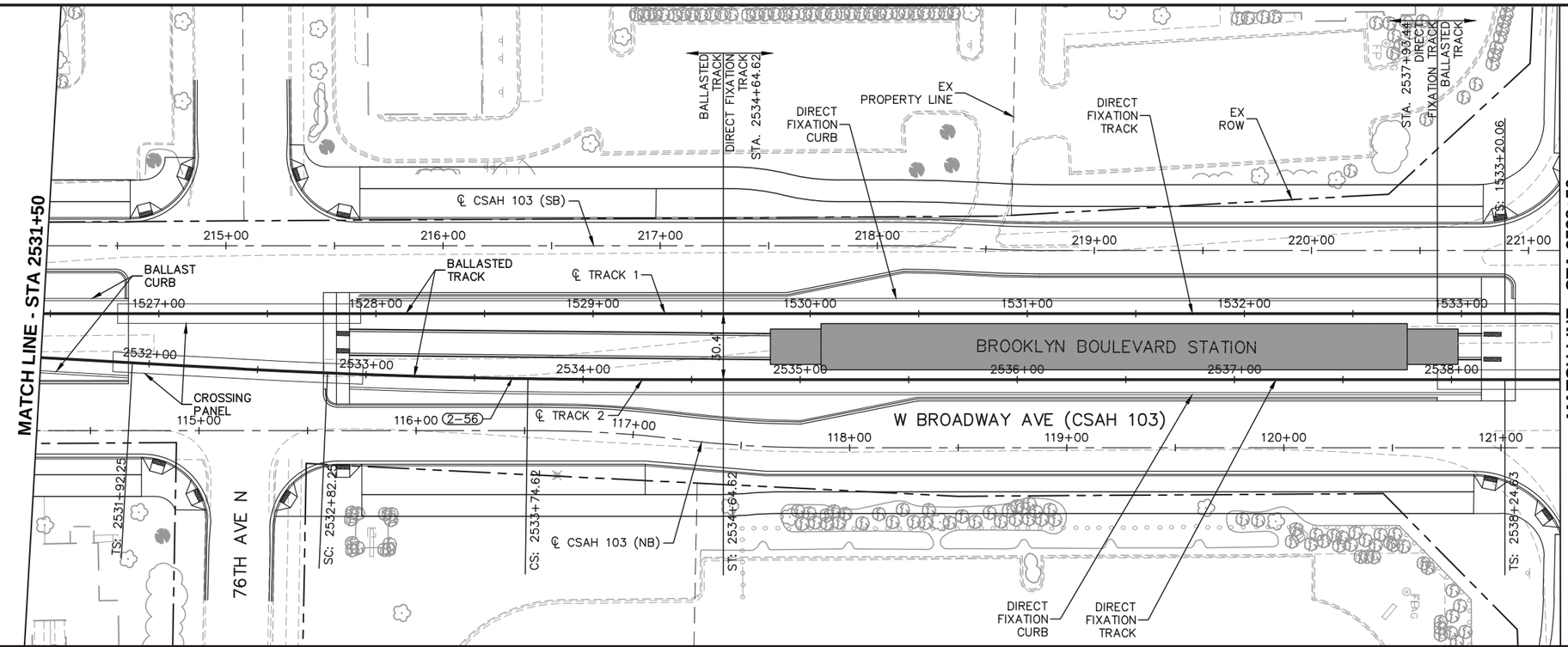
DISCIPLINE: TRACK

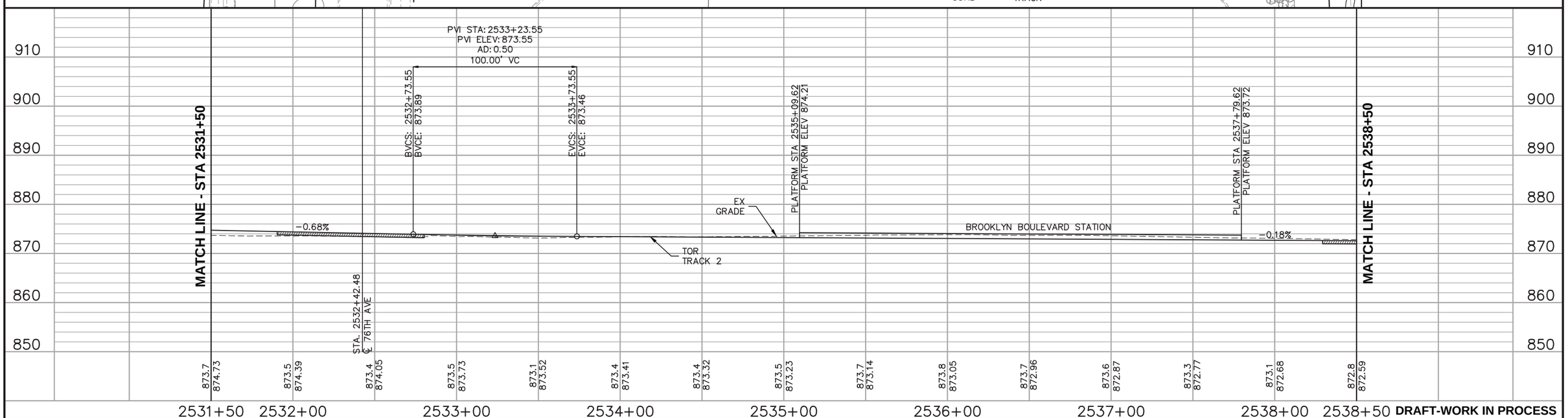
SHEET NAME: BP-TRK-PPFL-016

SHEET 118 OF 266

Dec. 09 2015 09:04 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho

CURVE NO 2-56
R = 3200.00'
Lc = 92.37'
Ls = 90.00'
Ea = 0.00"
Eu = 1.98"
Vd = 40 MPH





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2531+50 TO STA 2538+50

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-017

SHEET 119 OF 266

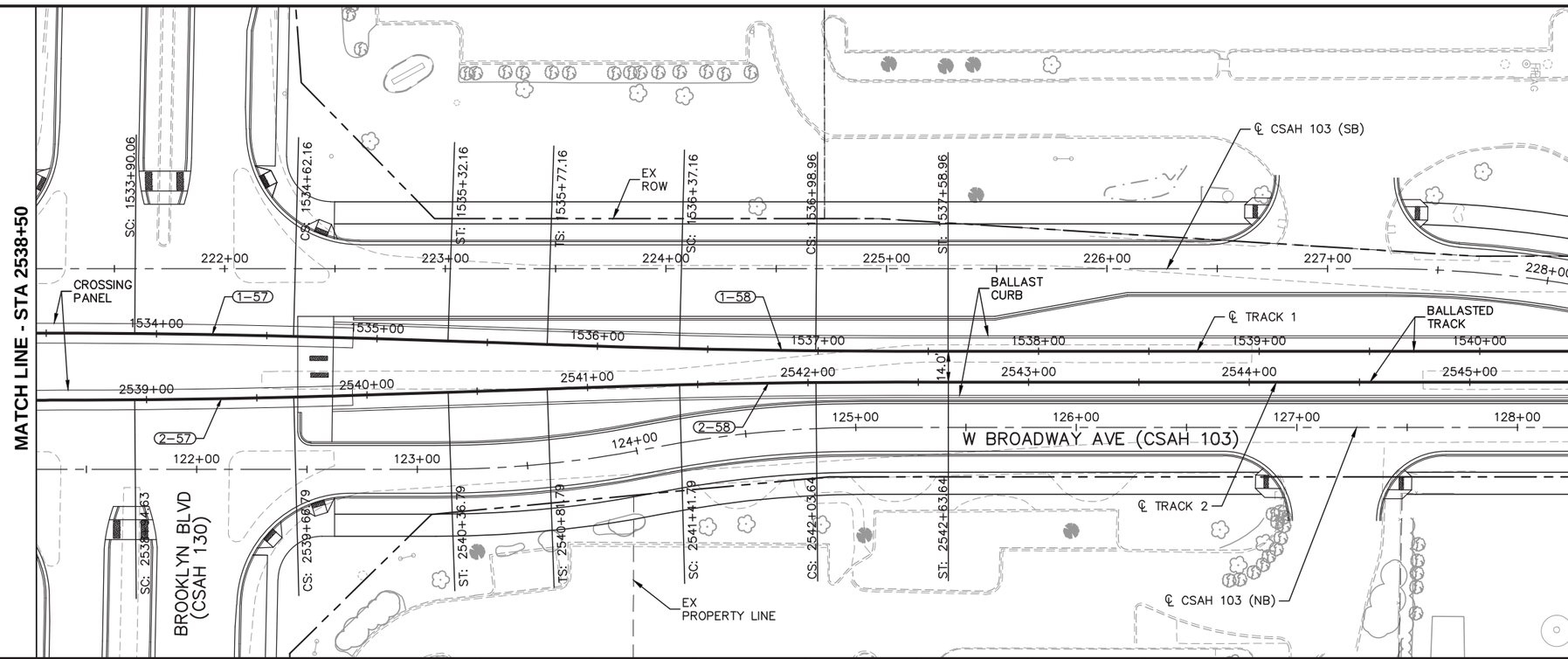
Dec. 09 2015 09:05 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho

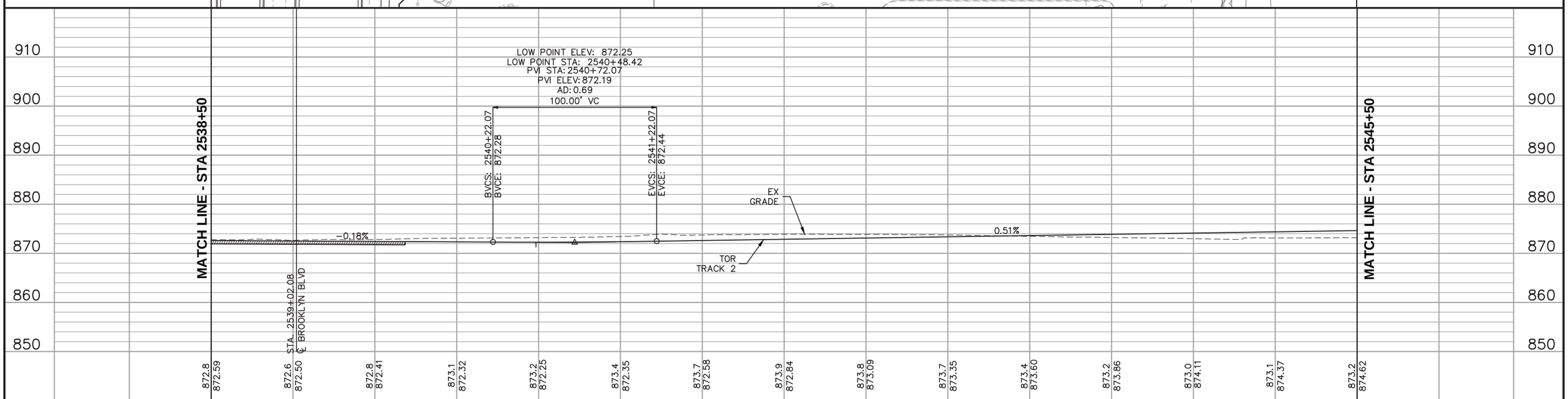
CURVE NO 1–57
R = 4200.00'
Lc = 72.10'
Ls = 70.00'
Ea = 0.00"
Eu = 1.51"
Vd = 40 MPH

CURVE NO 2–57
R = 4200.00'
Lc = 72.16'
Ls = 70.00'
Ea = 0.00"
Eu = 1.51"
Vd = 40 MPH

CURVE NO 1–58
R = 3600.00'
Lc = 61.80'
Ls = 60.00'
Ea = 0.50"
Eu = 1.26"
Vd = 40 MPH

CURVE NO 2–58
R = 3600.00'
Lc = 61.85'
Ls = 60.00'
Ea = 0.50"
Eu = 1.26"
Vd = 40 MPH





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

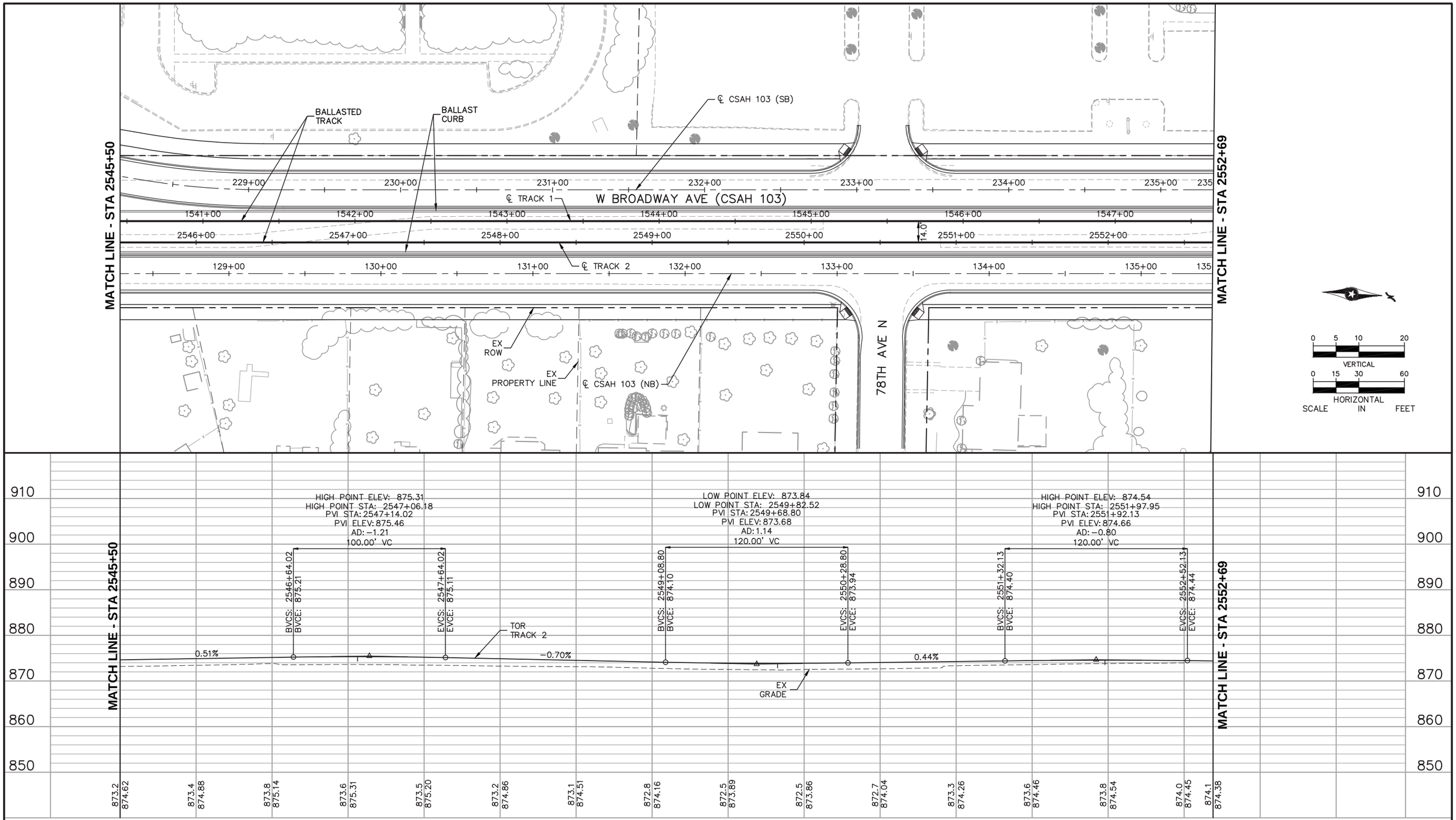
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2538+50 TO STA 2545+50

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-018

SHEET 120 OF 266

Dec, 09 2015 09:08 am H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2545+50 TO STA 2552+69

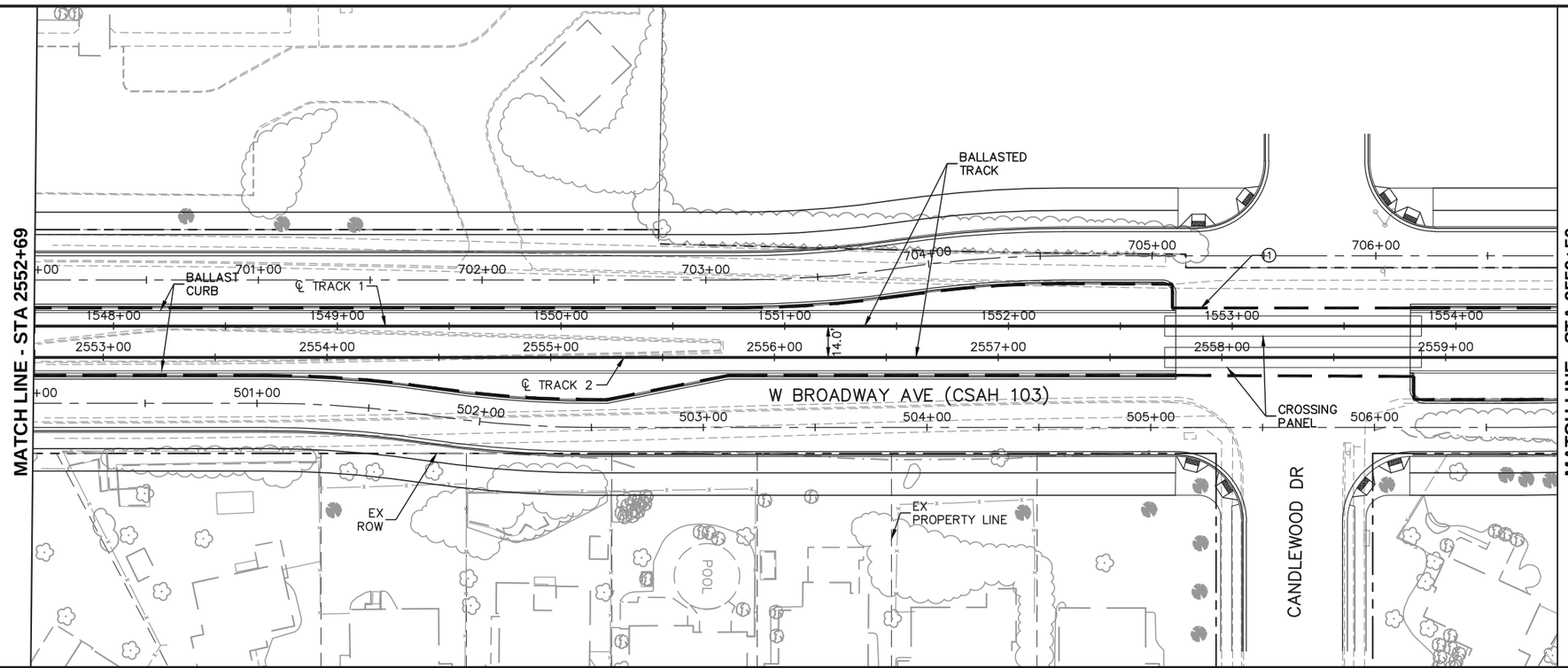
DISCIPLINE: TRACK

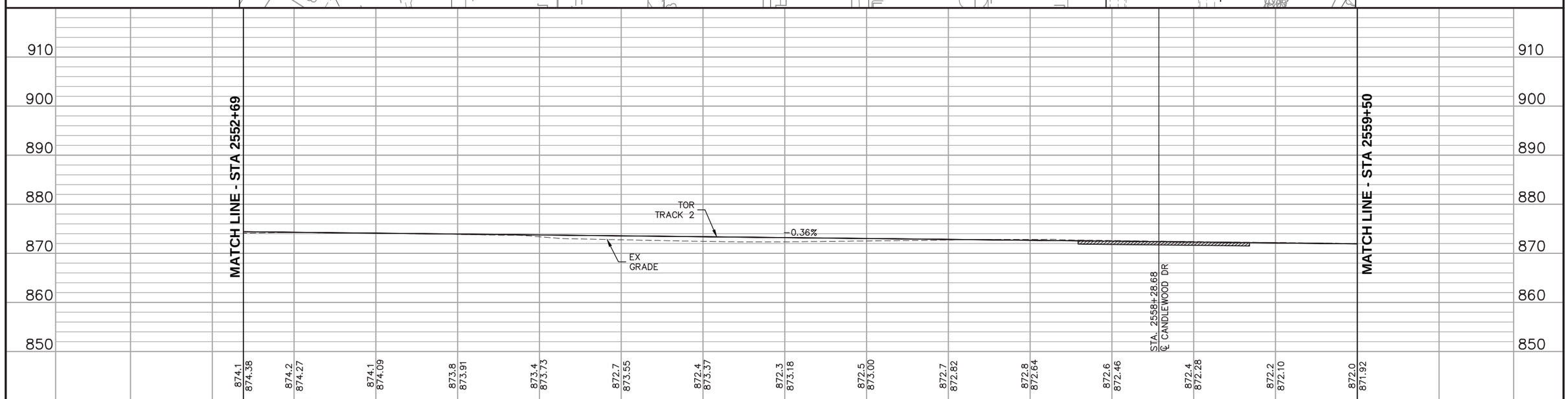
SHEET NAME: BP-TRK-PPFL-019

SHEET 121 OF 266

Dec, 09 2015 09:09 am H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\TRACK\BP2-TRK-PPFL.dwg By: V-Prudho

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2552+69 TO STA 2559+50

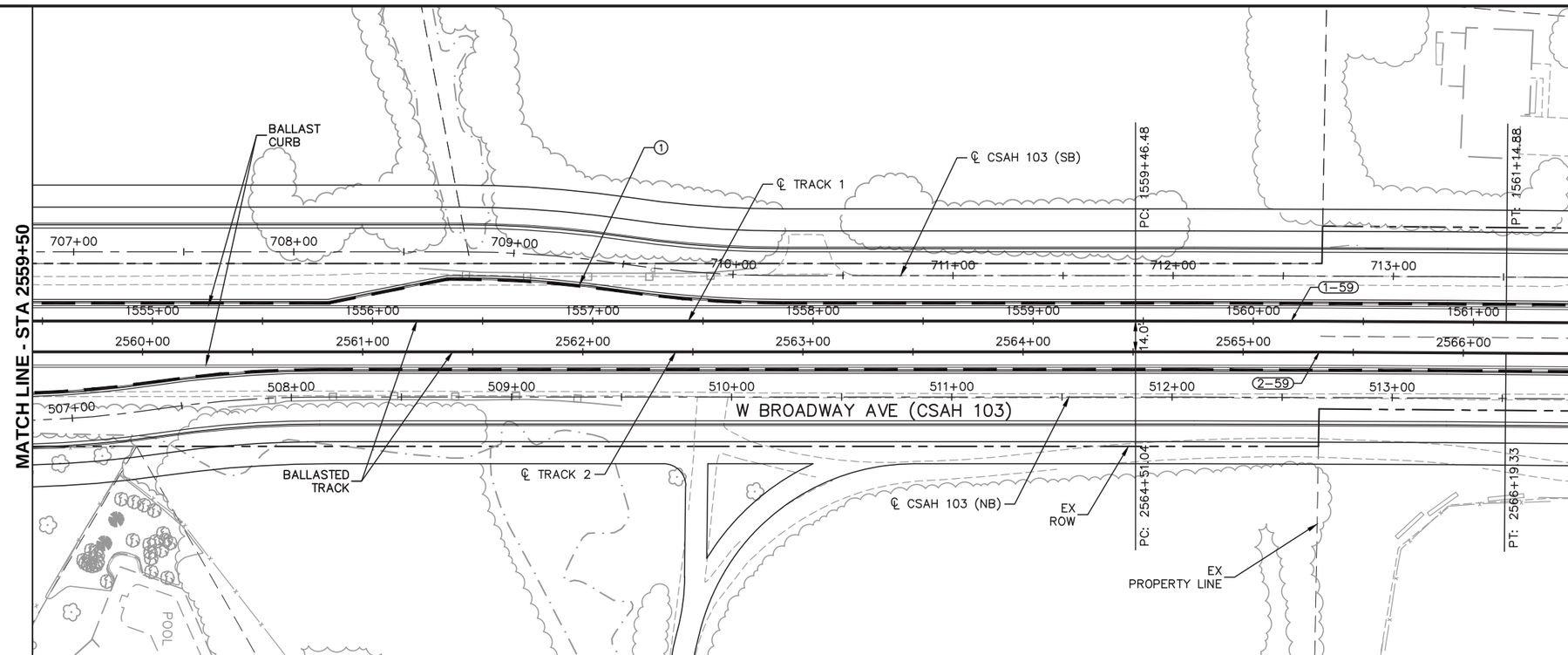
DISCIPLINE: TRACK
SHEET NAME: BP-TRK-PPFL-020

SHEET 122 OF 266

Dec, 09 2015 08:48 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



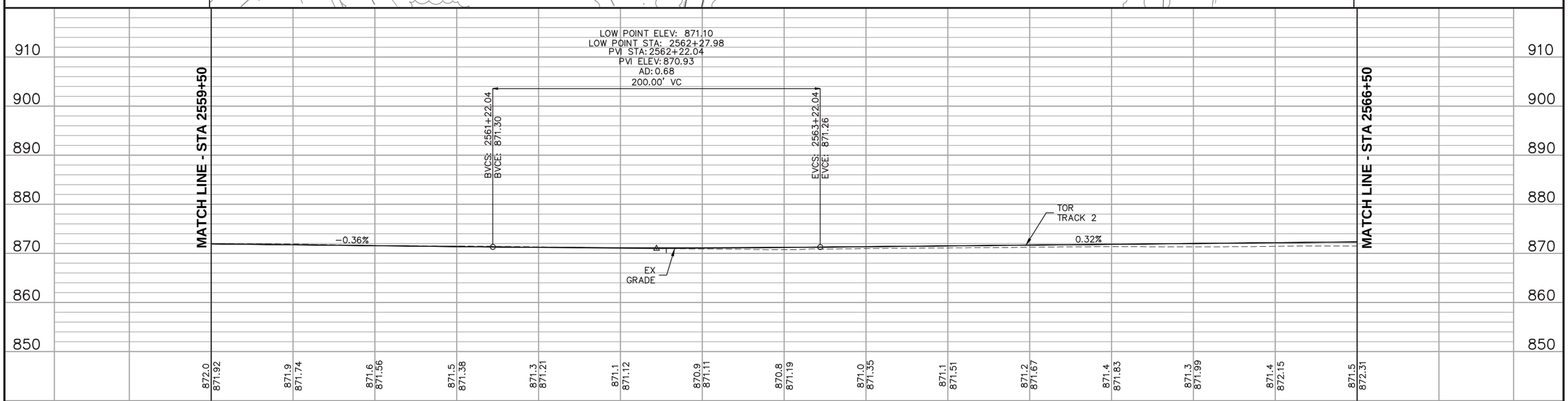
CURVE NO 1-59
R = 22014.00'
Lc = 168.40'
Ls = 0.00'
Ea = 0.00"
Eu = 0.54"
Vd = 55 MPH

CURVE NO 2-59
R = 22000.00'
Lc = 168.29'
Ls = 0.00'
Ea = 0.00"
Eu = 0.54"
Vd = 55 MPH

0 5 10 20 VERTICAL

0 15 30 60 HORIZONTAL

SCALE IN FEET



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

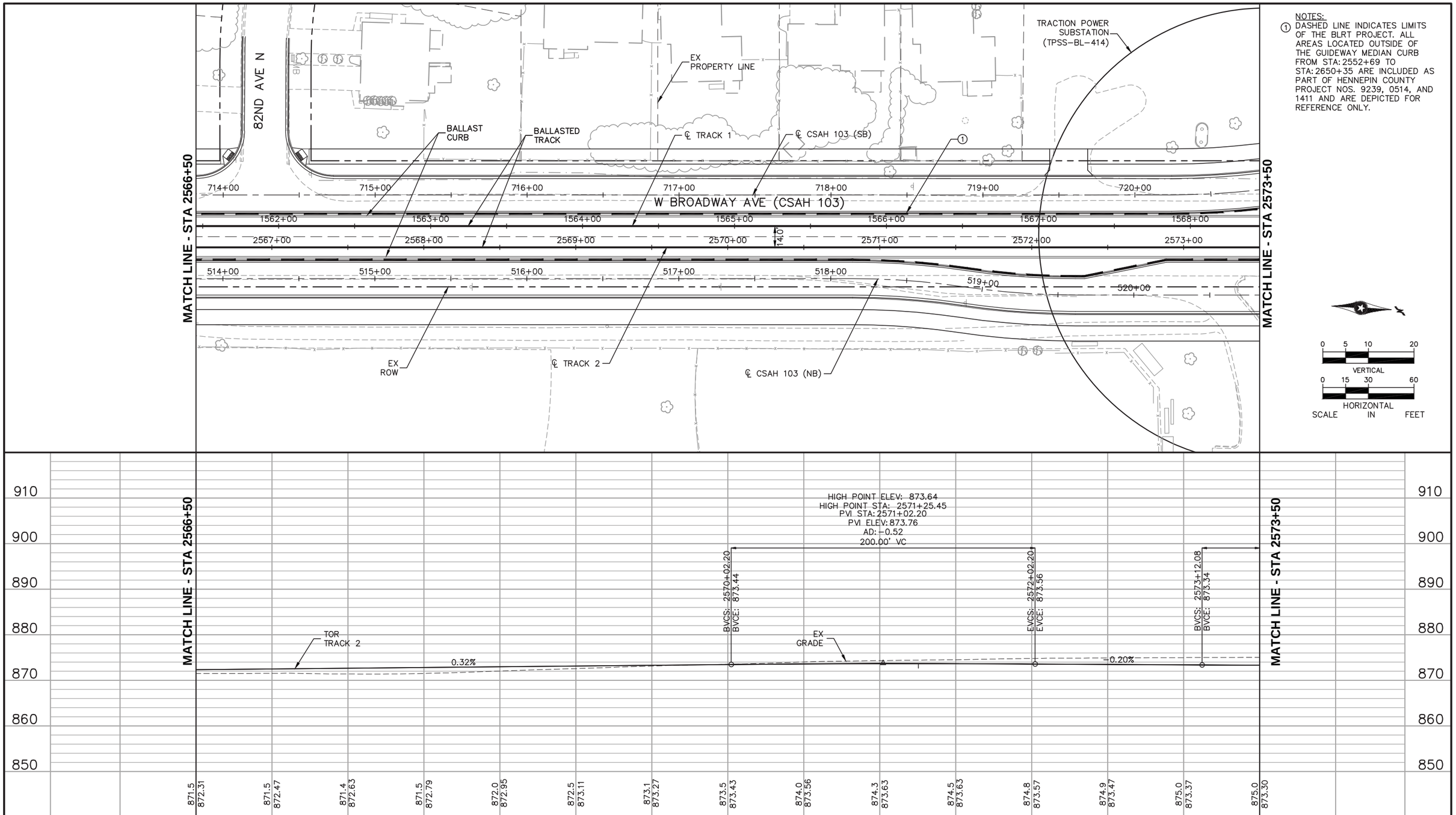
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2559+50 TO STA 2566+50

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-021

SHEET 123 OF 266

Dec, 09 2015 08:49 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho



NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

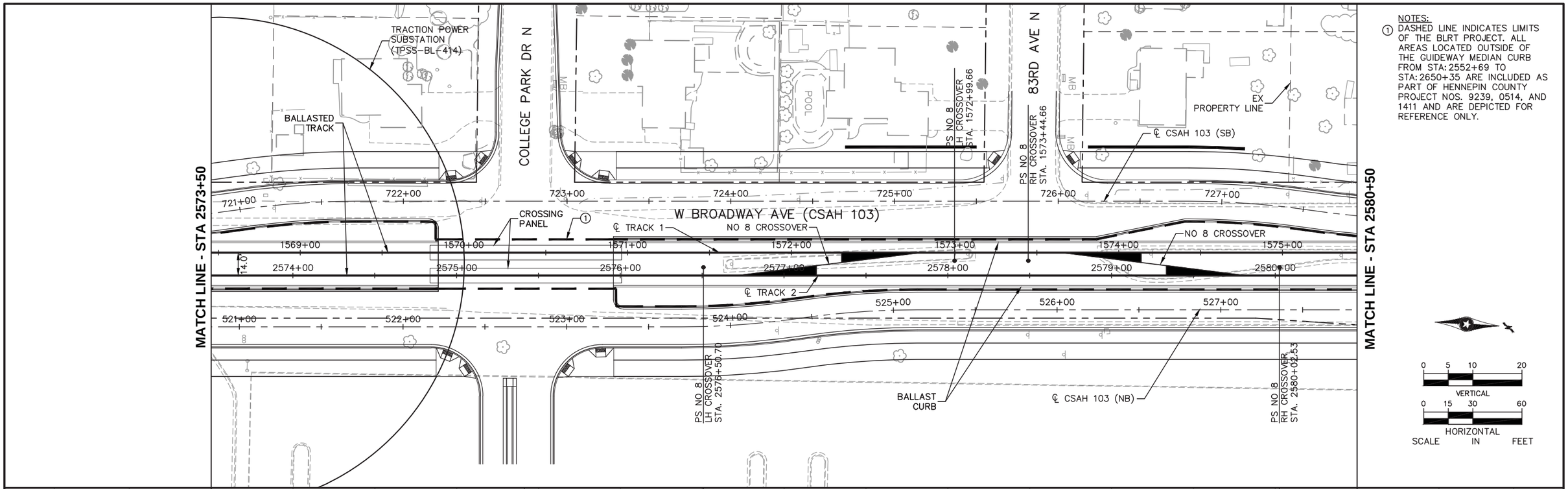
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2566+50 TO STA 2573+50

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-022

SHEET 124 OF 266

Dec, 09 2015 08:50 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2573+50 TO STA 2580+50

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-023

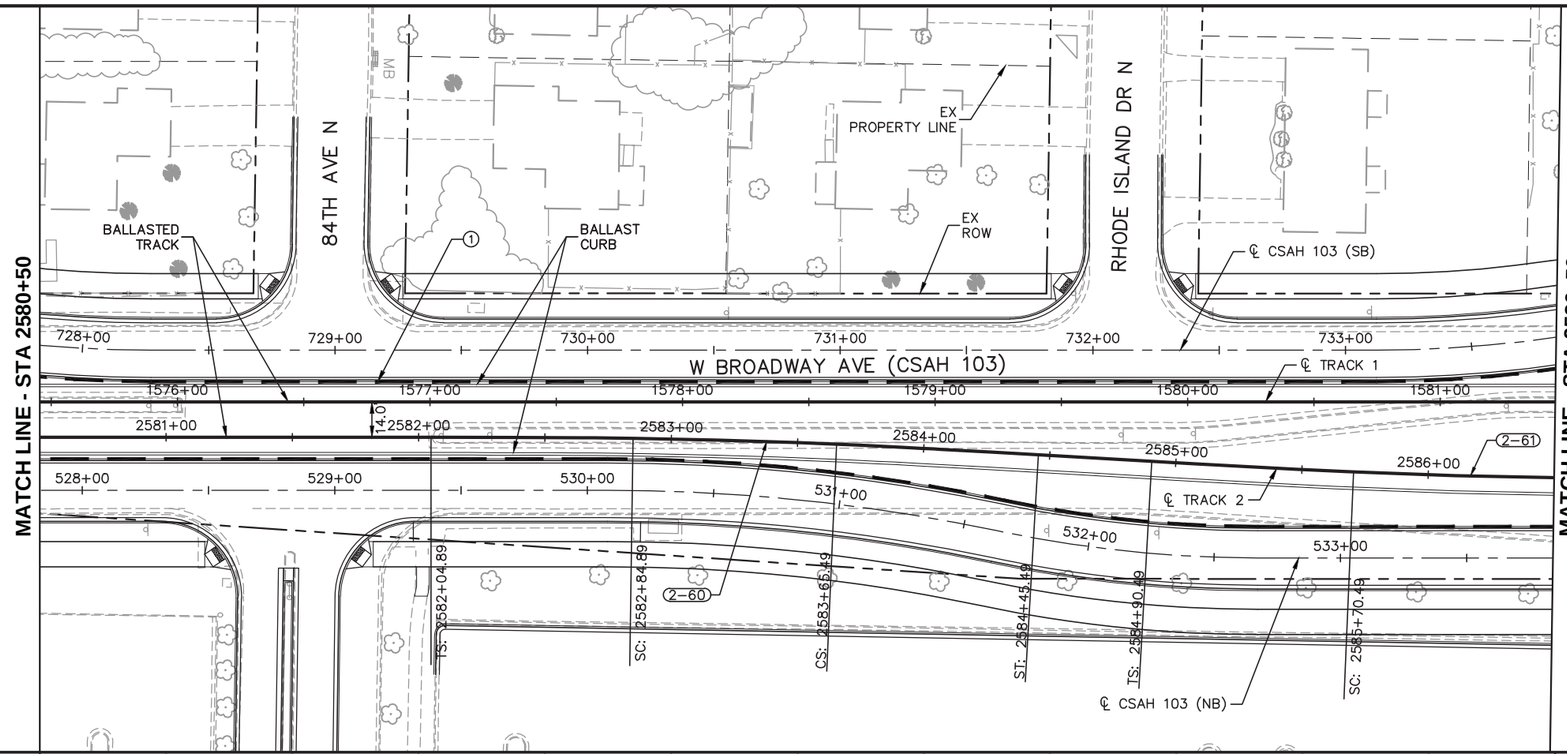
SHEET 125 OF 266

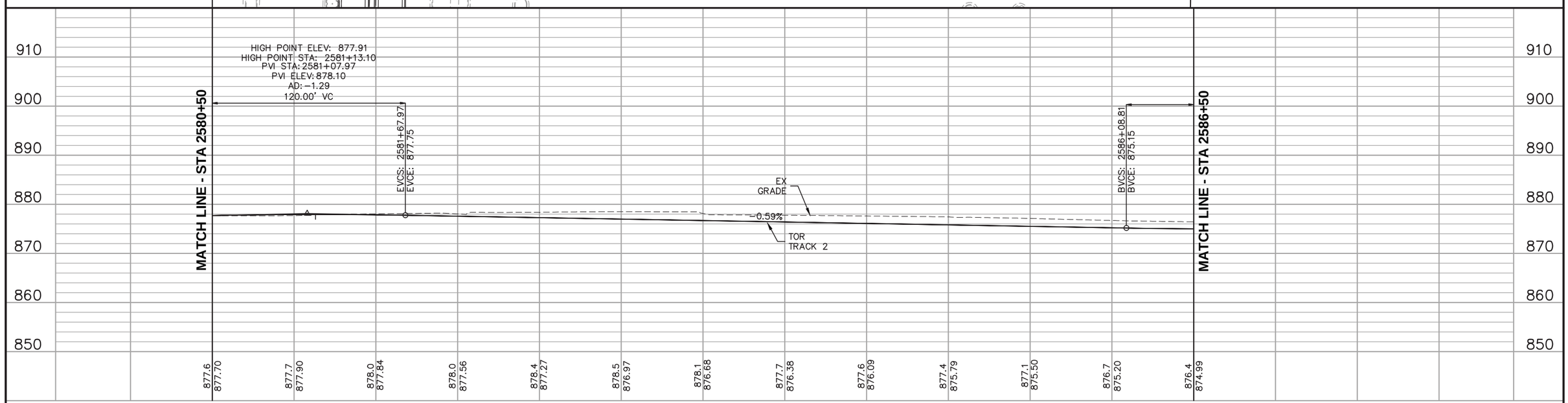
Dec, 09 2015 08:51 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

CURVE NO 2-60
R = 2800.00'
Lc = 80.60'
Ls = 80.00'
Ea = 1.25"
Eu = 1.61"
Vd = 45 MPH

CURVE NO 2-61
R = 2800.00'
Lc = 80.60'
Ls = 80.00'
Ea = 1.25"
Eu = 1.61"
Vd = 45 MPH

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

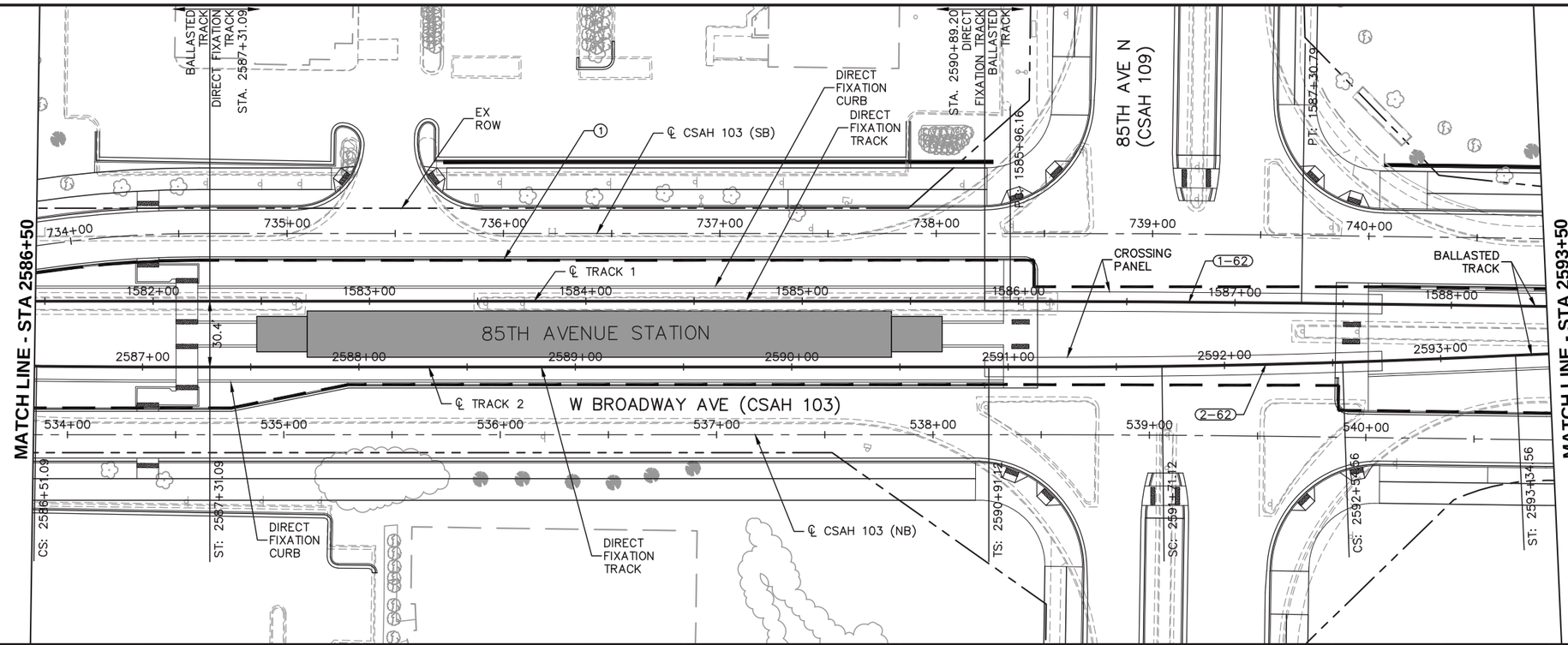
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2580+50 TO STA 2586+50

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-PPFL-024

Dec, 09 2015 08:53 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



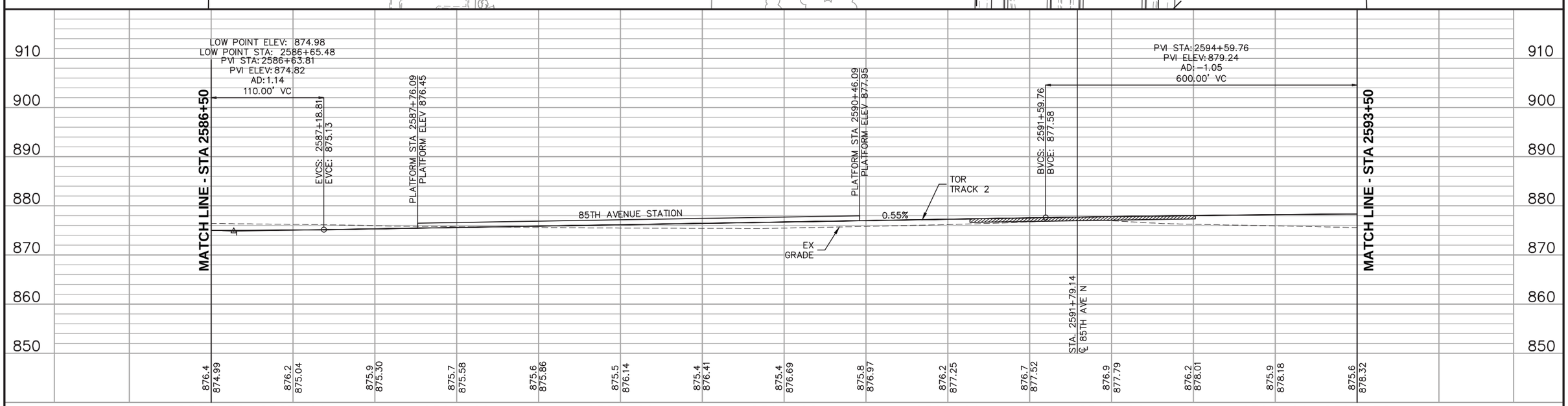
CURVE NO 1-62
R = 10000.00'
Lc = 134.63'
Ls = 0.00'
Eq = 0.00"
Eu = 0.80"
Vd = 45 MPH

CURVE NO 2-62
R = 3700.00'
Lc = 83.44'
Ls = 80.00'
Eq = 0.00"
Eu = 1.71"
Vd = 40 MPH

0 5 10 20 VERTICAL

0 15 30 60 HORIZONTAL

SCALE IN FEET



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2586+50 TO STA 2593+50

DISCIPLINE: TRACK

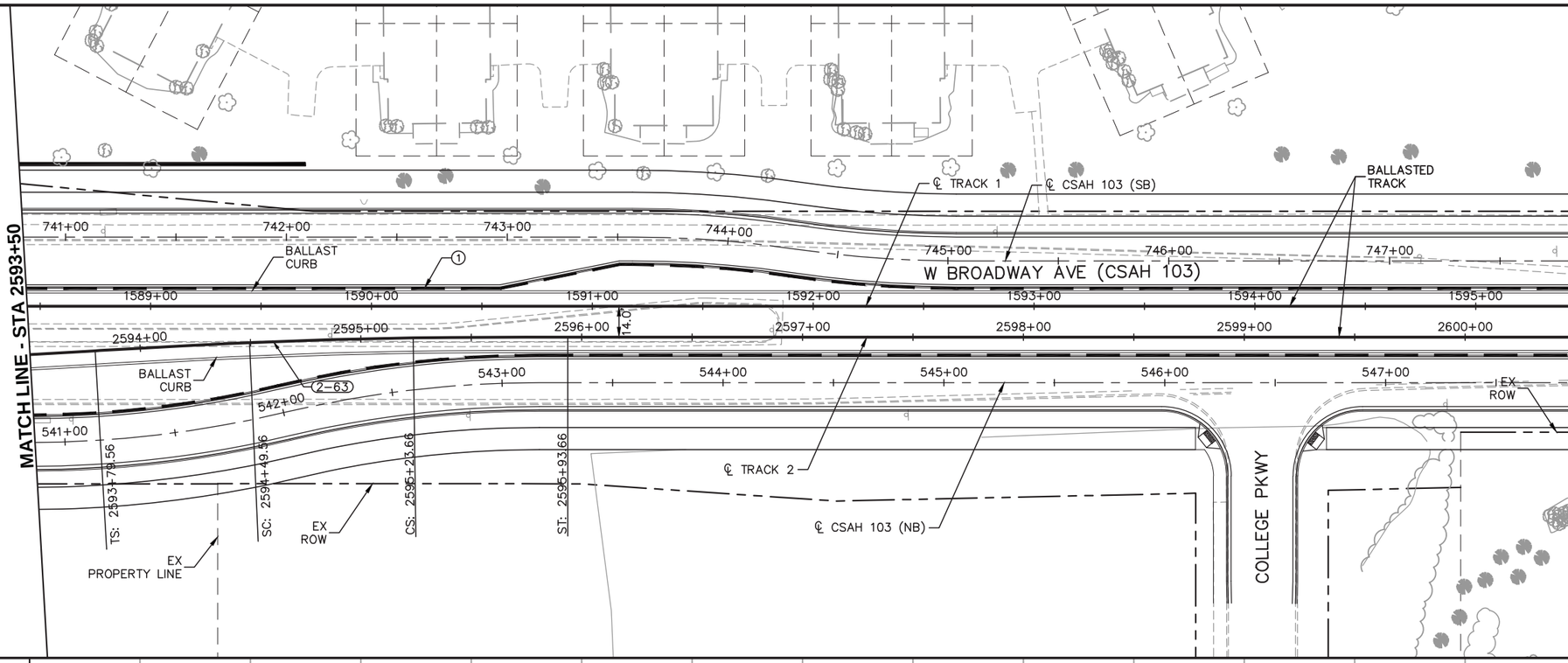
SHEET NAME: BP-TRK-PPFL-025

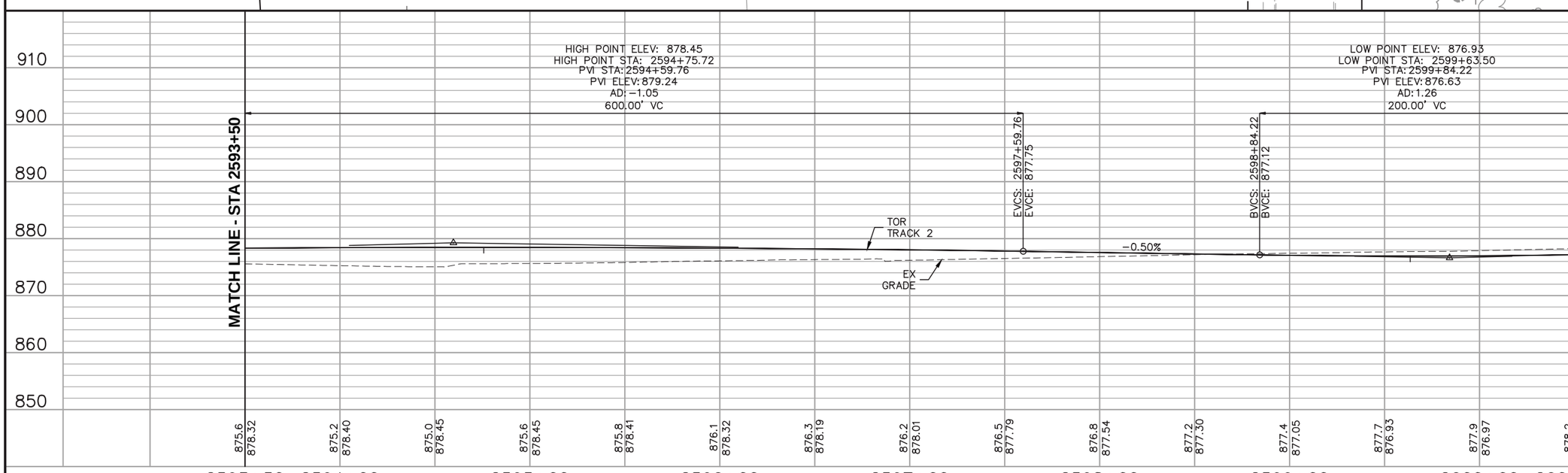
SHEET 127 OF 266

Dec. 09 2015 08:55 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

CURVE NO 2-63
R = 2500.00'
Lc = 74.10'
Ls = 70.00'
Ea = 1.00"
Eu = 1.53"
Vd = 40 MPH

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

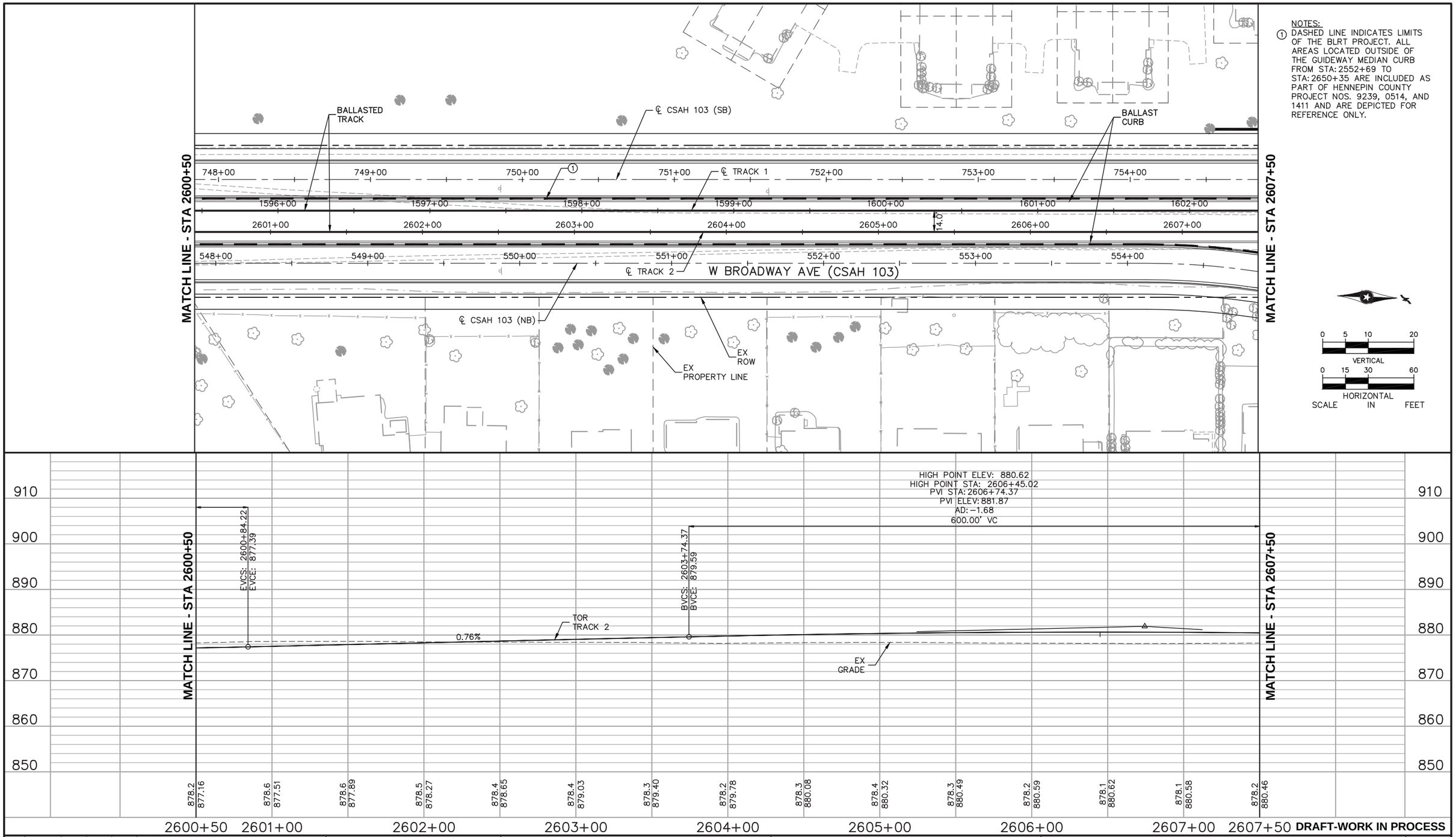
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2593+50 TO STA 2600+50

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-PPFL-026

SHEET 128 OF 266

Dec, 09 2015 08:57 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho



NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

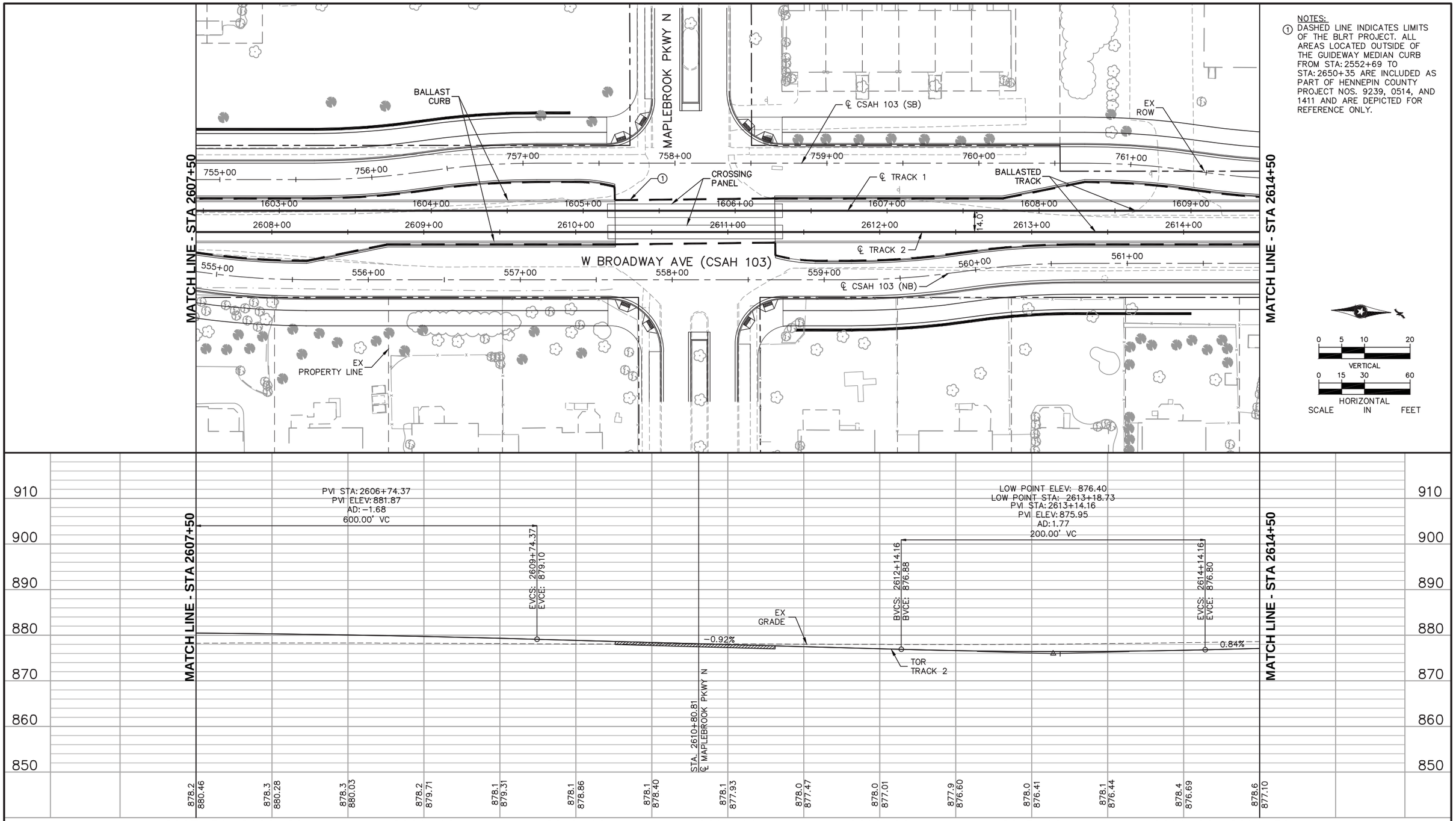
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2600+50 TO STA 2607+50

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-027

SHEET 129 OF 266

Dec, 09 2015 08:58 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho



NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2607+50 TO STA 2614+50

DISCIPLINE: TRACK

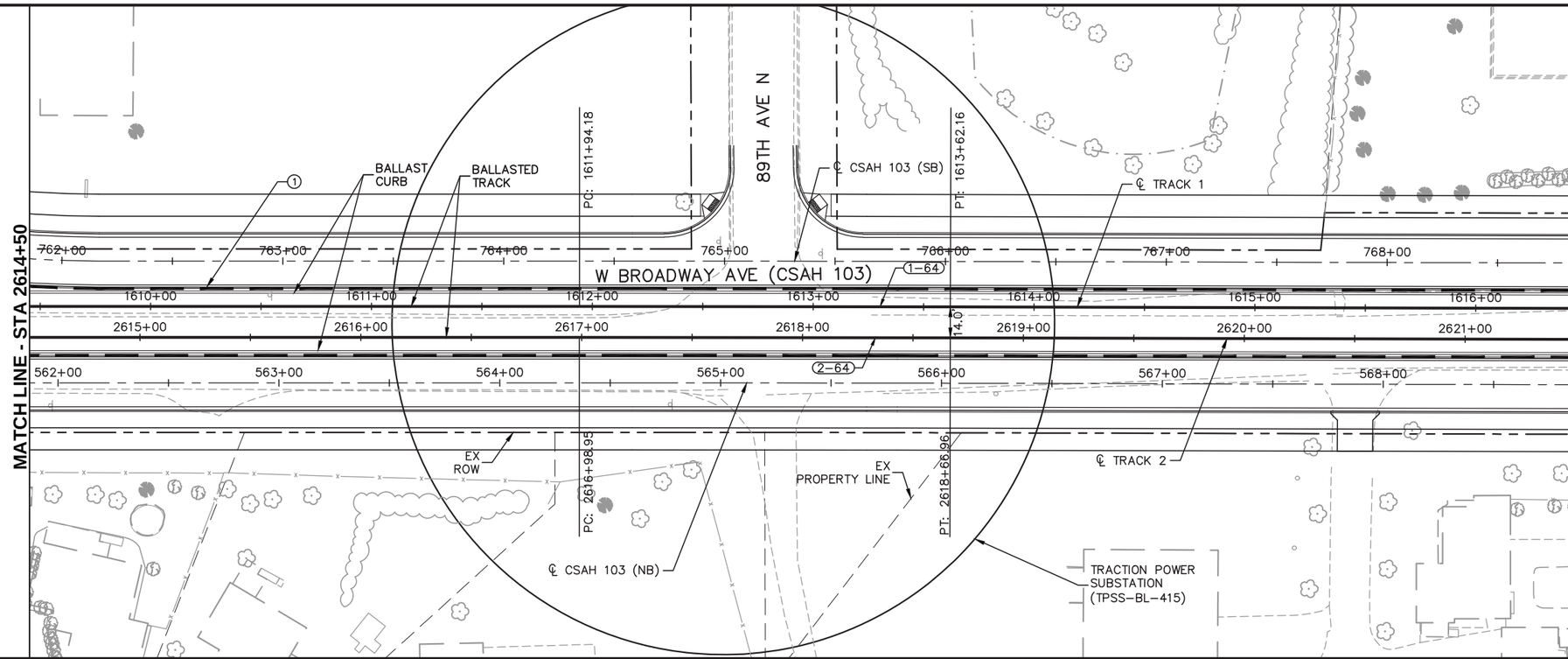
SHEET NAME: BP-TRK-PPFL-028

SHEET 130 OF 266

Dec, 09 2015 08:59 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



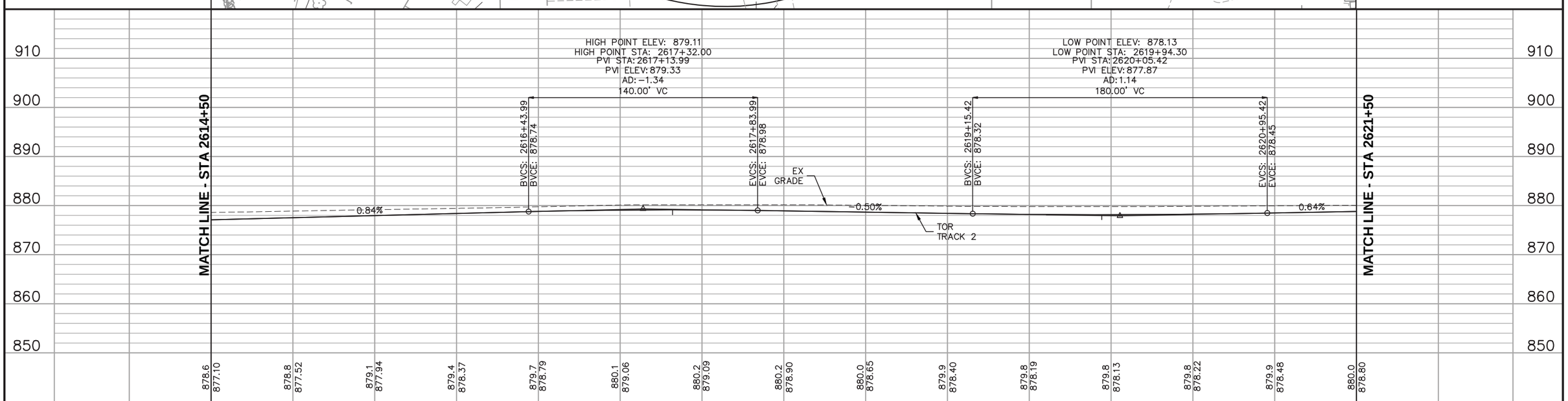
CURVE NO 1-64
R = 70000.00'
Lc = 167.98'
Ls = 0.00'
Ea = 0.00"
Eu = 0.17"
Vd = 55 MPH

CURVE NO 2-64
R = 70014.00'
Lc = 168.01'
Ls = 0.00'
Ea = 0.00"
Eu = 0.17"
Vd = 55 MPH

0 5 10 20 VERTICAL

0 15 30 60 HORIZONTAL

SCALE IN FEET



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2614+50 TO STA 2621+50

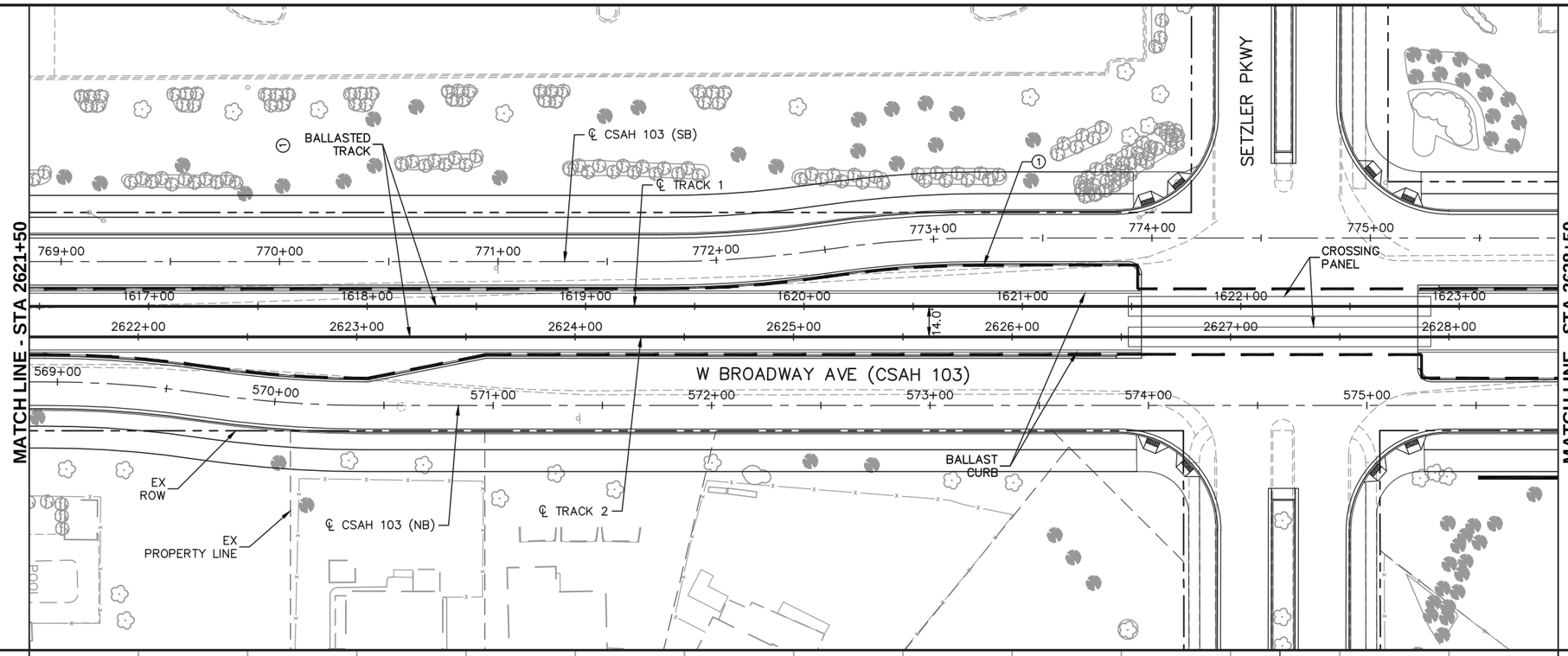
DISCIPLINE: TRACK

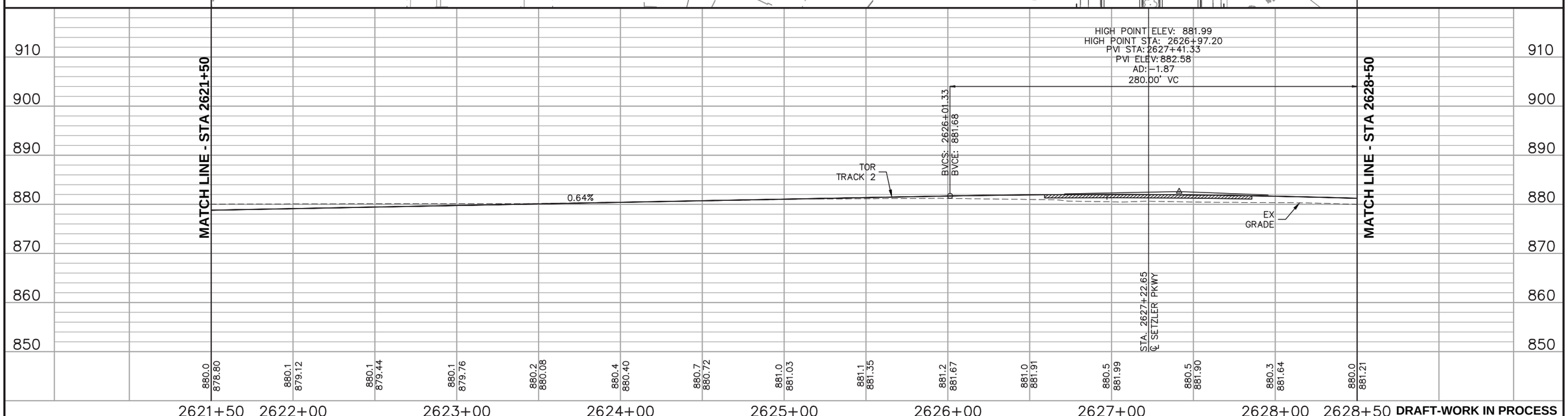
SHEET NAME: BP-TRK-PPFL-029

SHEET 131 OF 266

Dec. 09 2015 09:01 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

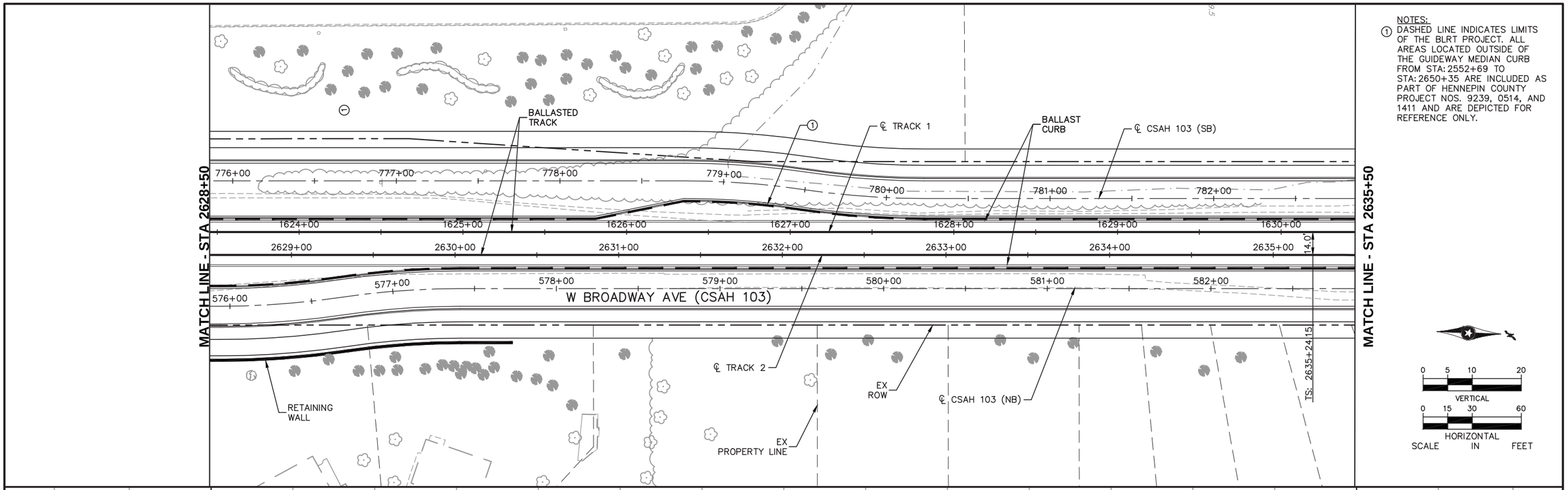
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

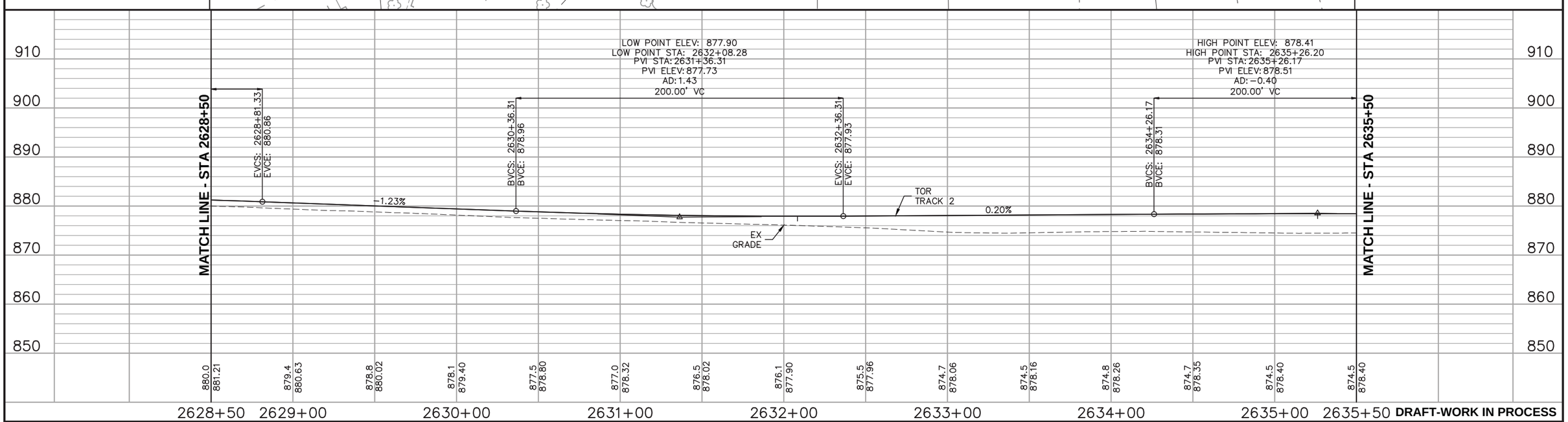
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2621+50 TO STA 2628+50

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-PPFL-030

Dec, 09 2015 09:02 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2628+50 TO STA 2635+50

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-PPFL-031

SHEET 133 OF 266

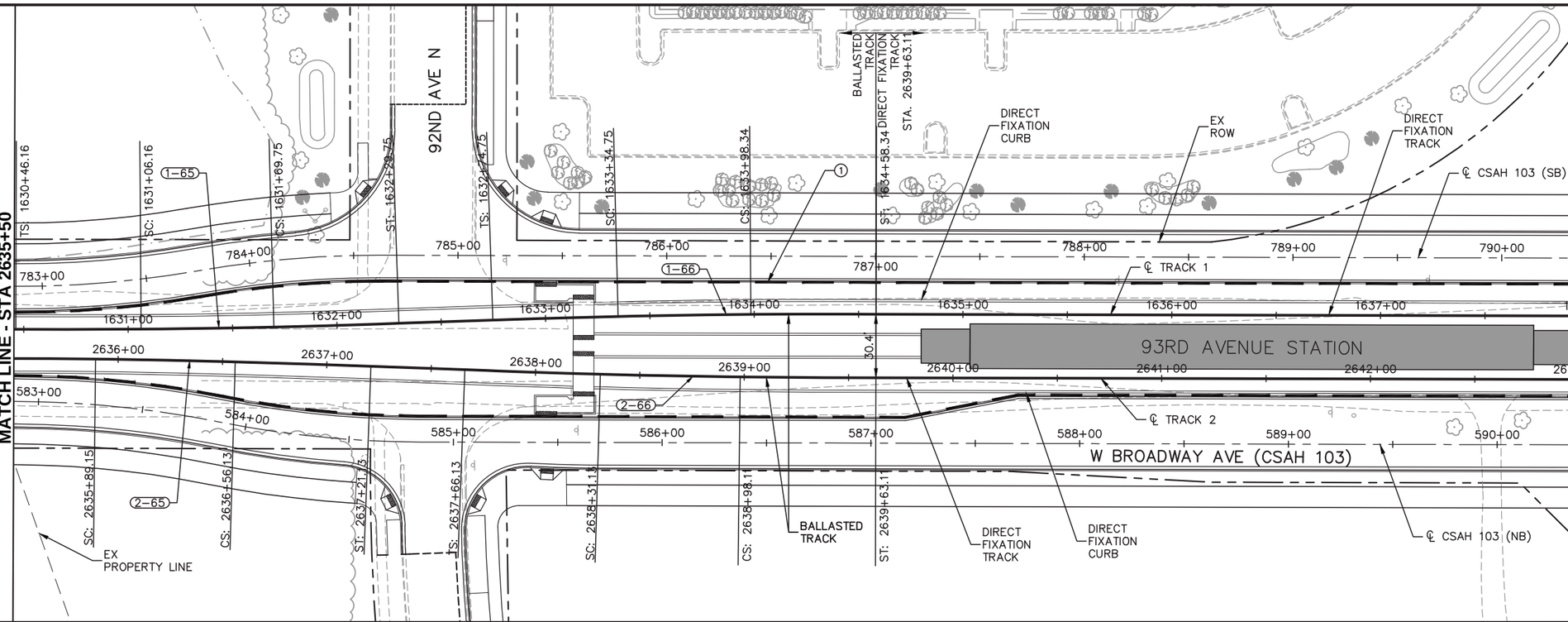
Dec, 09 2015 09:03 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

CURVE NO 1-65
R = 3450.00'
Lc = 63.59'
Ls = 60.00'
Ea = 0.50"
Eu = 1.34"
Vd = 40 MPH

CURVE NO 1-66
R = 3450.00'
Lc = 63.59'
Ls = 60.00'
Ea = 0.50"
Eu = 1.34"
Vd = 40 MPH

CURVE NO 2-65
R = 3900.00'
Lc = 66.98'
Ls = 65.00'
Ea = 0.75"
Eu = 1.31"
Vd = 45 MPH

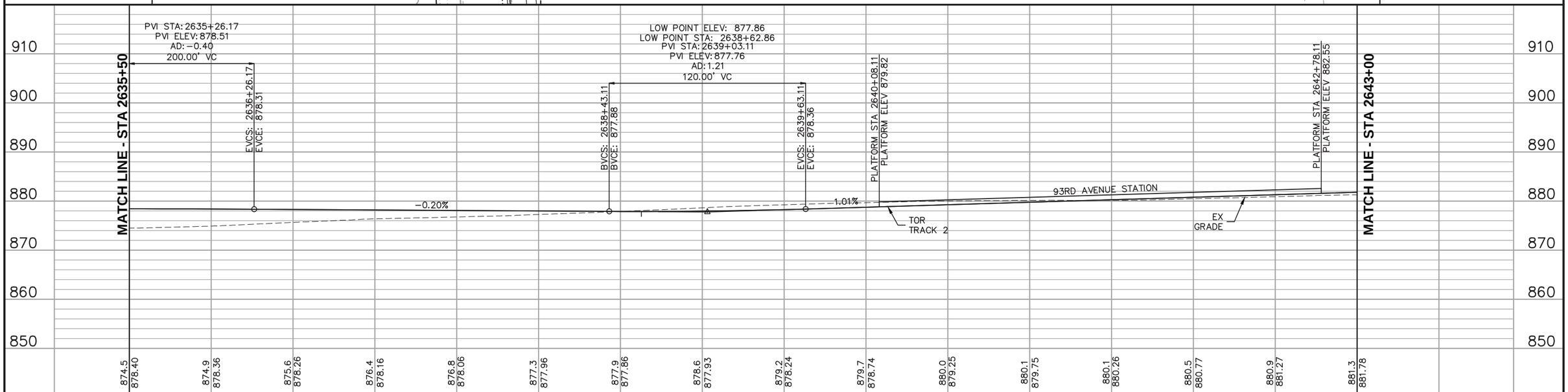
CURVE NO 2-66
R = 3900.00'
Lc = 66.98'
Ls = 65.00'
Ea = 0.75"
Eu = 1.31"
Vd = 45 MPH



NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

0 5 10 20
VERTICAL
0
HORIZONTAL
SCALE IN FEET



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2635+50 TO STA 2643+00

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-PPFL-032

SHEET 134 OF 266

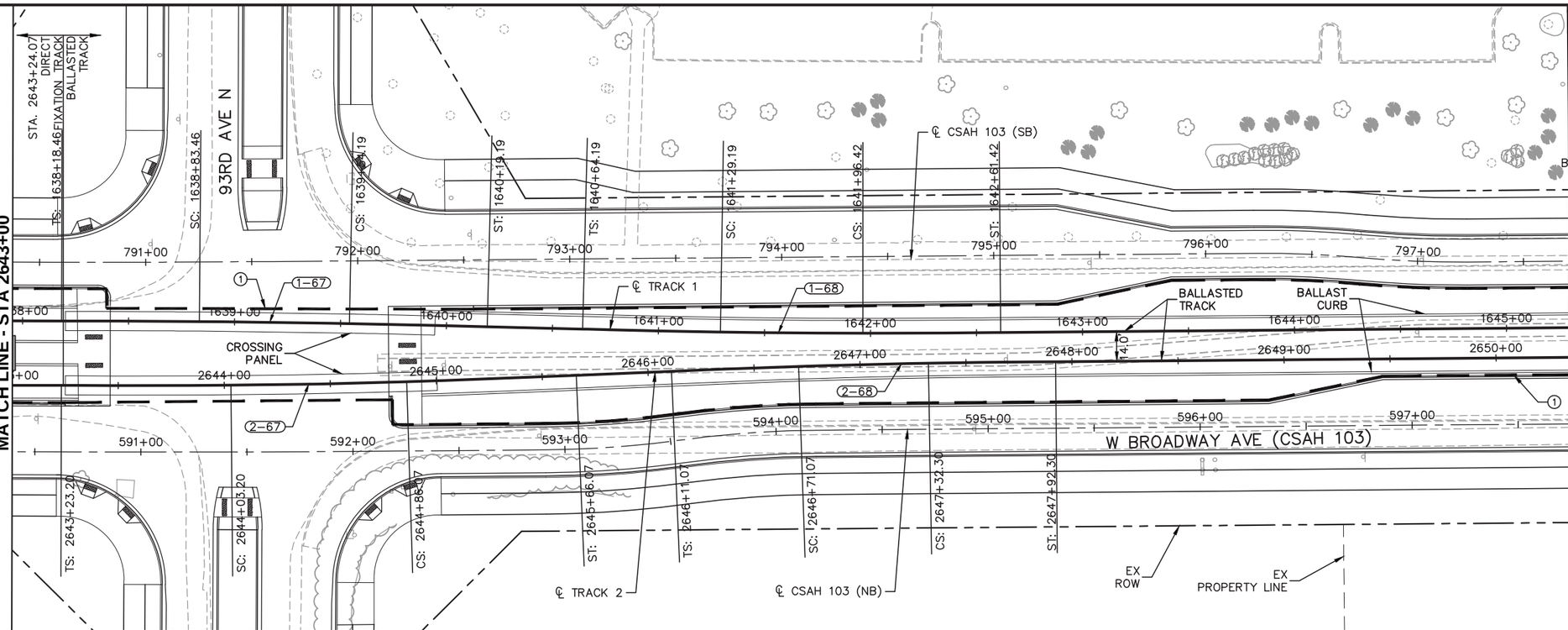
Dec, 09 2015 09:05 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

CURVE NO 1–67
R = 6100.00'
Lc = 70.73'
Ls = 65.00'
Ea = 0.00"
Eu = 1.31"
Vd = 45 MPH

CURVE NO 1–68
R = 4000.00'
Lc = 67.23'
Ls = 65.00'
Ea = 0.75"
Eu = 1.25"
Vd = 45 MPH

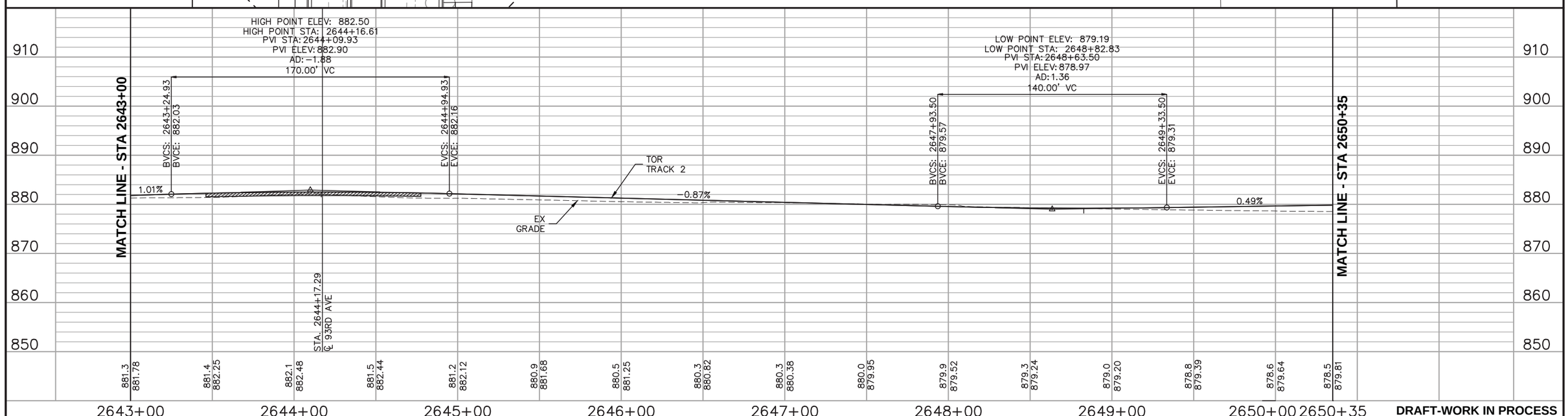
CURVE NO 2–67
R = 3700.00'
Lc = 82.87'
Ls = 80.00'
Ea = 0.00"
Eu = 1.71"
Vd = 40 MPH

CURVE NO 2–68
R = 3650.00'
Lc = 61.23'
Ls = 60.00'
Ea = 0.50"
Eu = 1.24"
Vd = 40 MPH



NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2643+00 TO STA 2650+35

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-033

SHEET 135 OF 266

Dec. 09 2015 09:07 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

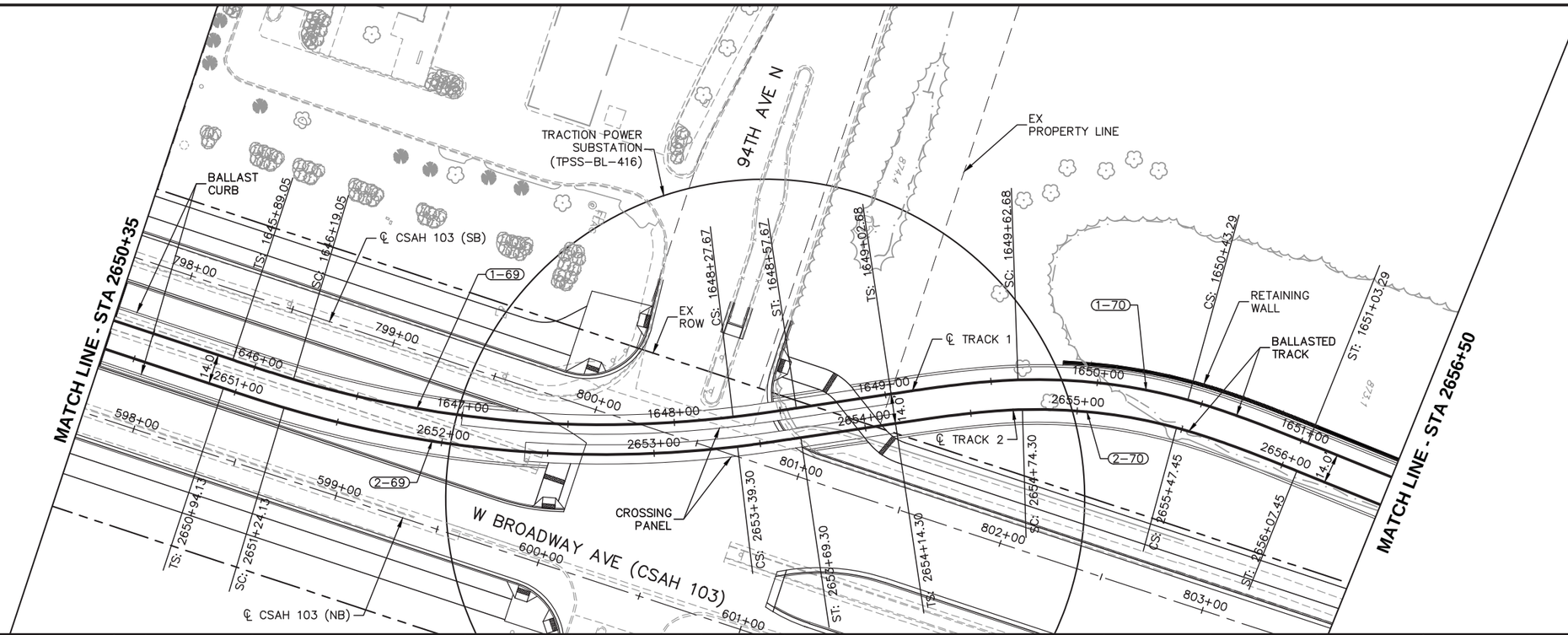
NOTES:
① DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

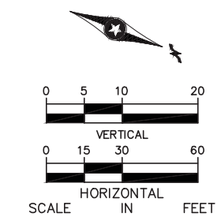
CURVE NO 1–69
R = 510.00'
Lc = 208.62'
Ls = 30.00'
Ea = 0.00"
Eu = 1.75"
Vd = 15 MPH

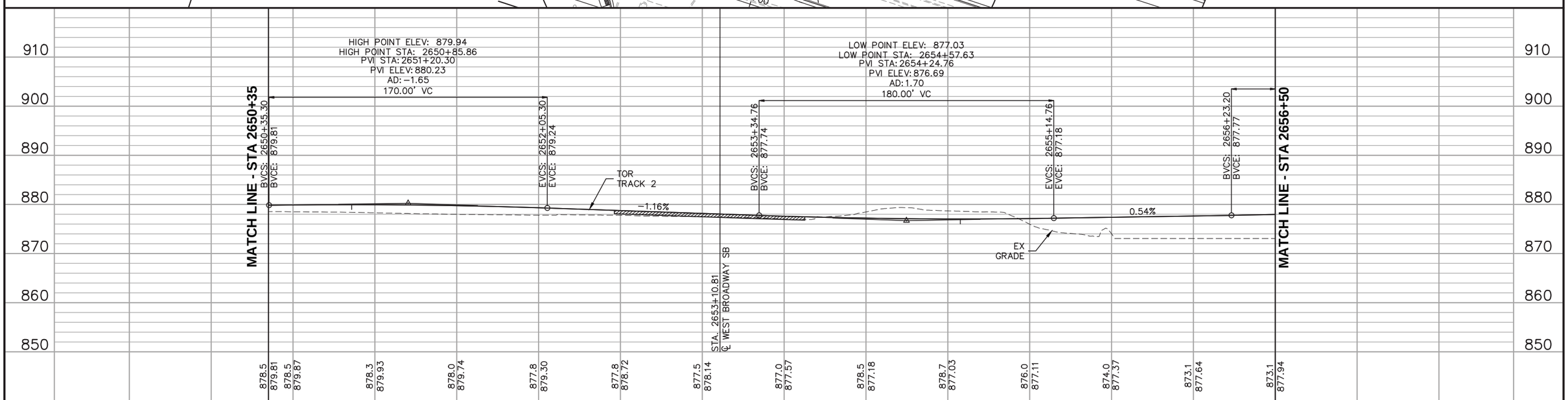
CURVE NO 2–69
R = 524.00'
Lc = 215.17'
Ls = 30.00'
Ea = 0.00"
Eu = 1.70"
Vd = 15 MPH

CURVE NO 1–70
R = 264.00'
Lc = 80.61'
Ls = 60.00'
Ea = 1.50"
Eu = 1.88"
Vd = 15 MPH

CURVE NO 2–70
R = 250.00'
Lc = 73.15'
Ls = 60.00'
Ea = 1.75"
Eu = 1.81"
Vd = 15 MPH







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

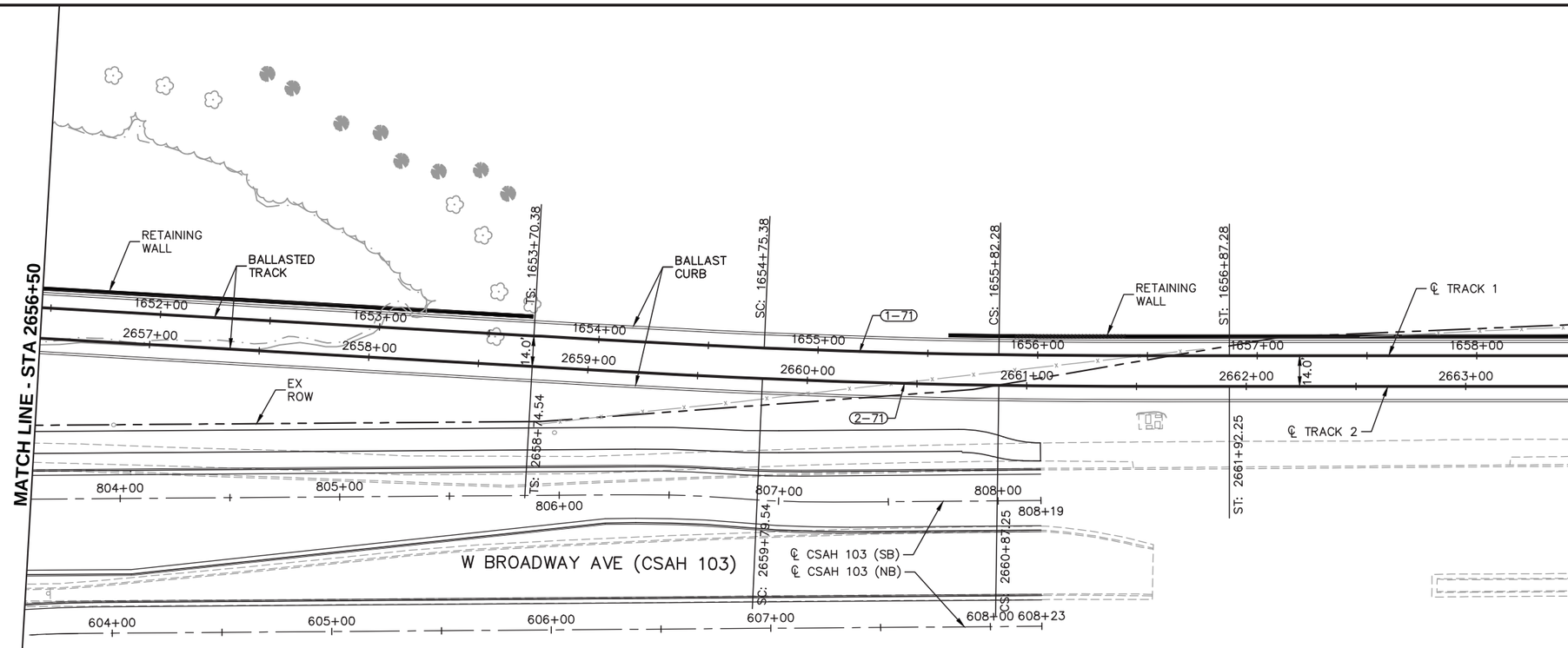
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2650+35 TO STA 2656+50

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-PPFL-034

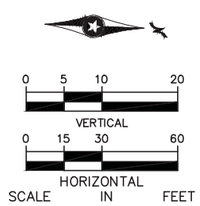
SHEET 136 OF 266

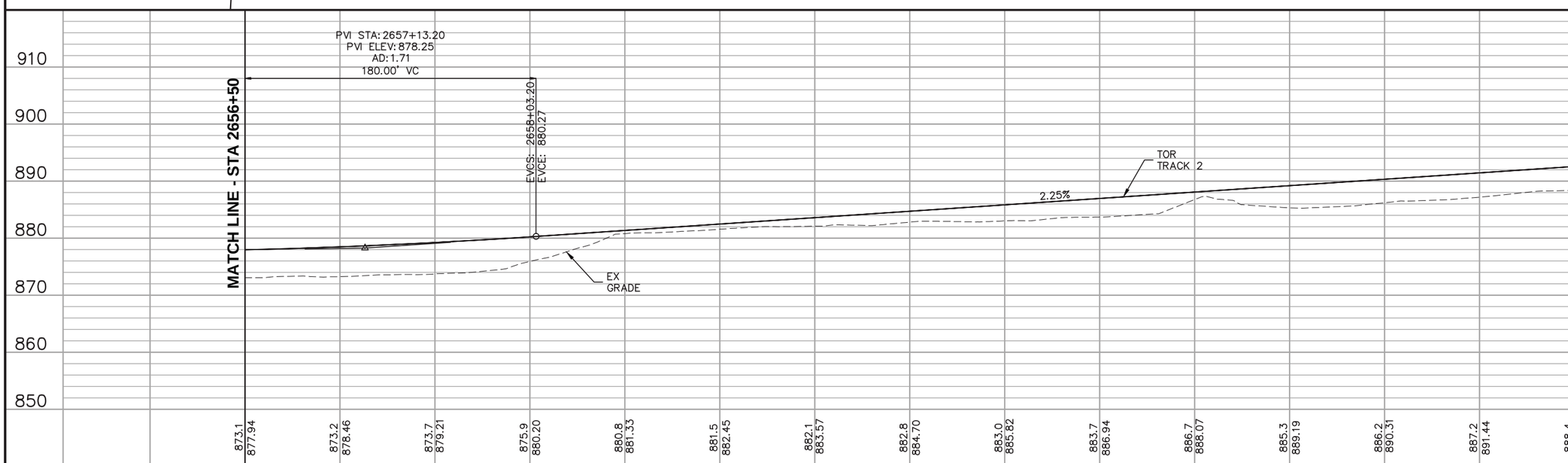
Dec, 09 2015 09:10 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho



CURVE NO 1-71
R = 3700.00'
Lc = 106.90'
Ls = 105.00'
Ea = 1.50"
Eu = 1.74"
Vd = 55 MPH

CURVE NO 2-71
R = 3714.00'
Lc = 107.71'
Ls = 105.00'
Ea = 1.50"
Eu = 1.73"
Vd = 55 MPH





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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

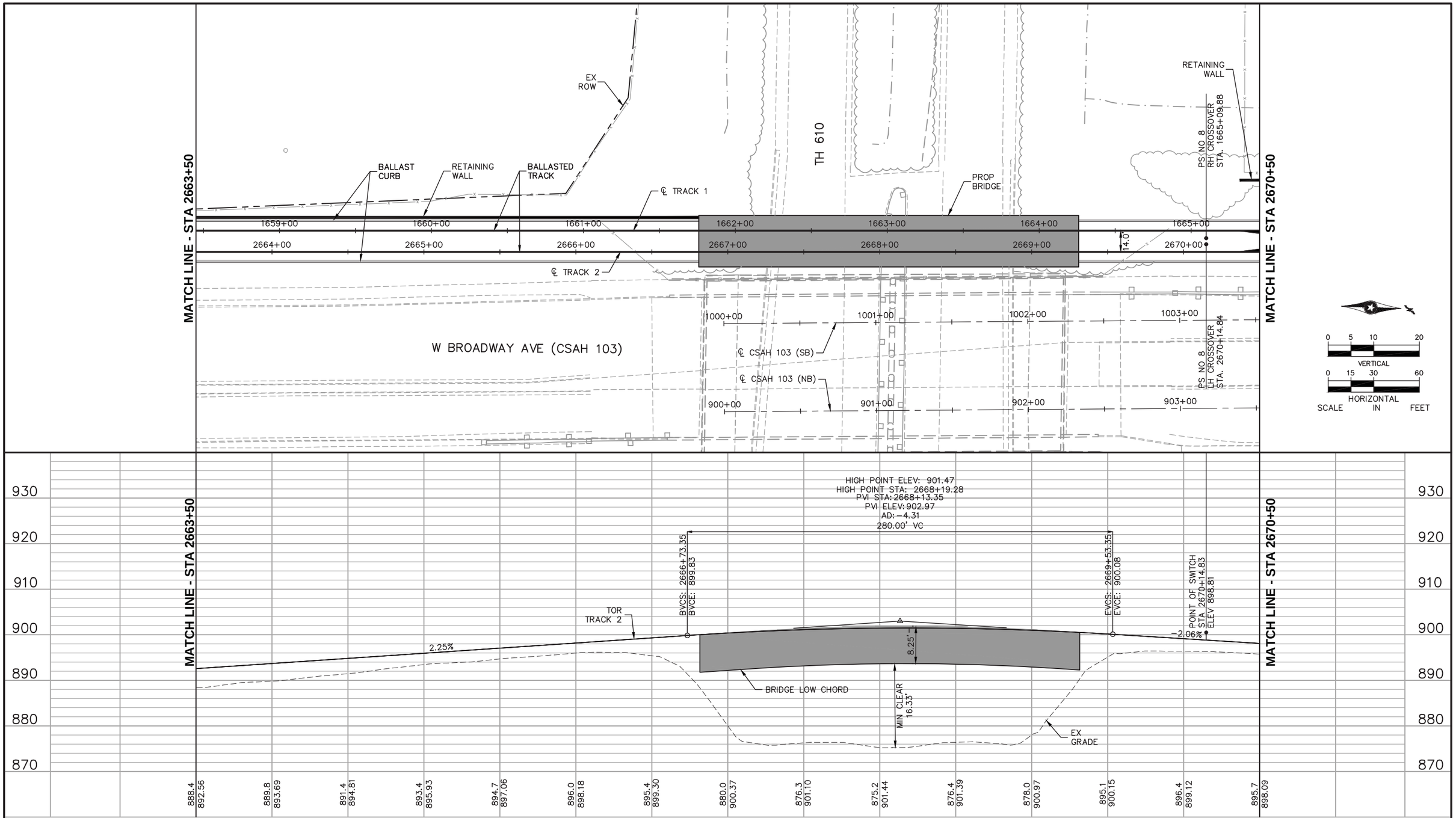
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2656+50 TO STA 2663+50

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-035

SHEET 137 OF 266

Dec, 09 2015 09:12 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2663+50 TO STA 2670+50

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-036

SHEET 138 OF 266

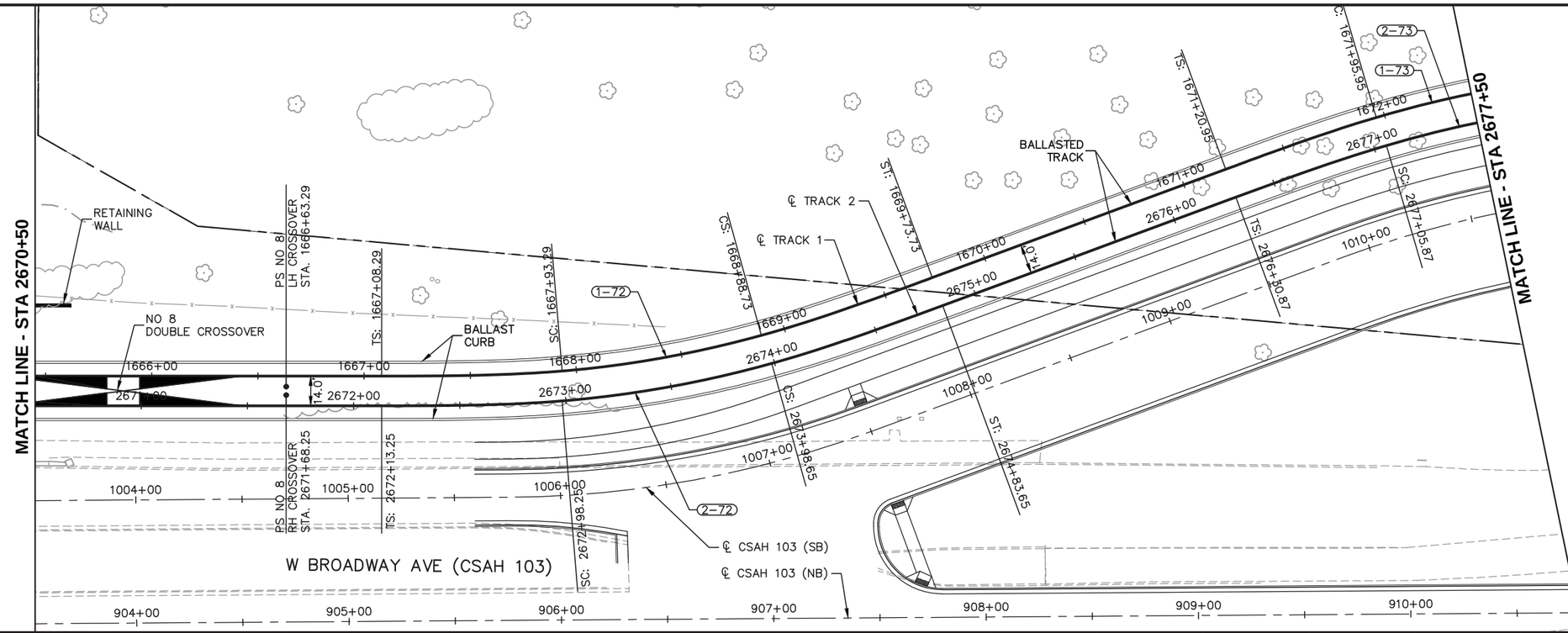
Dec. 09 2015 09:14 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

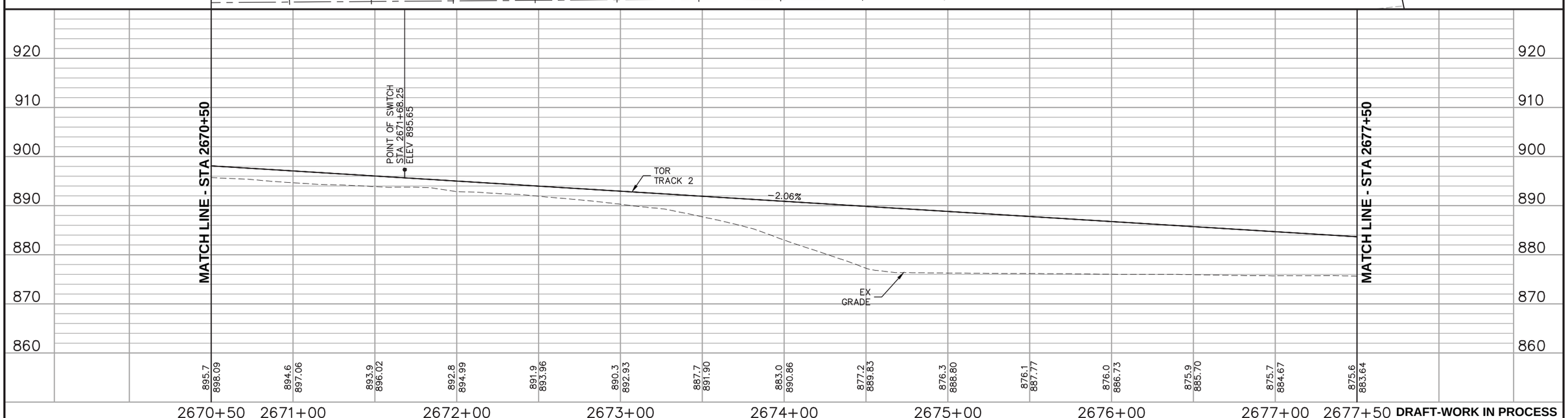
CURVE NO 1–72
R = 510.00'
Lc = 95.44'
Ls = 85.00'
Ea = 2.50"
Eu = 2.35"
Vd = 25 MPH

CURVE NO 2–72
R = 524.00'
Lc = 100.40'
Ls = 85.00'
Ea = 2.50"
Eu = 2.22"
Vd = 25 MPH

CURVE NO 1–73
R = 558.00'
Lc = 118.45'
Ls = 75.00'
Ea = 2.25"
Eu = 2.19"
Vd = 25 MPH

CURVE NO 2–73
R = 544.00'
Lc = 113.59'
Ls = 75.00'
Ea = 2.25"
Eu = 2.30"
Vd = 25 MPH





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2670+50 TO STA 2677+50

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-037

SHEET 139 OF 266

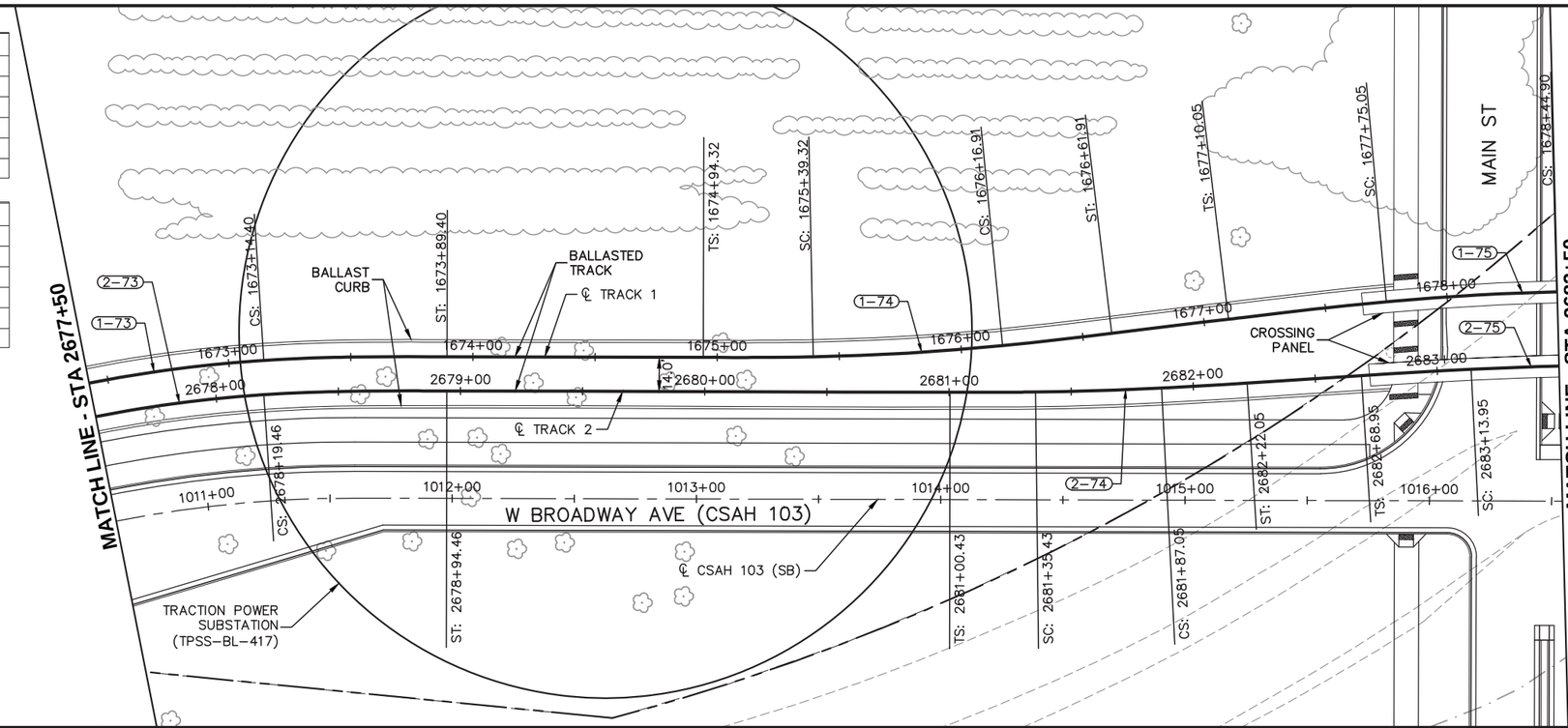
Dec, 09 2015 09:16 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

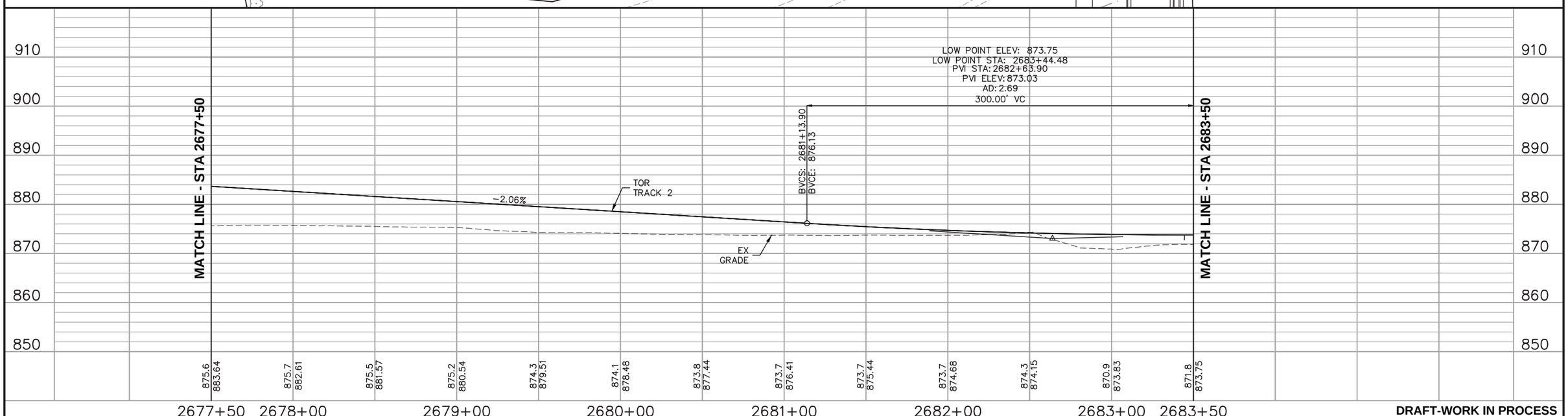
CURVE NO 1–74
R = 1000.00'
Lc = 77.59'
Ls = 45.00'
Ea = 1.00"
Eu = 1.48"
Vd = 25 MPH

CURVE NO 2–74
R = 1300.00'
Lc = 51.62'
Ls = 35.00'
Ea = 0.75"
Eu = 1.15"
Vd = 25 MPH

CURVE NO 1–75
R = 1100.00'
Lc = 69.85'
Ls = 65.00'
Ea = 0.00"
Eu = 2.25"
Vd = 25 MPH

CURVE NO 2–75
R = 1500.00'
Lc = 54.95'
Ls = 45.00'
Ea = 0.00"
Eu = 1.65"
Vd = 25 MPH





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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2677+50 TO STA 2683+50

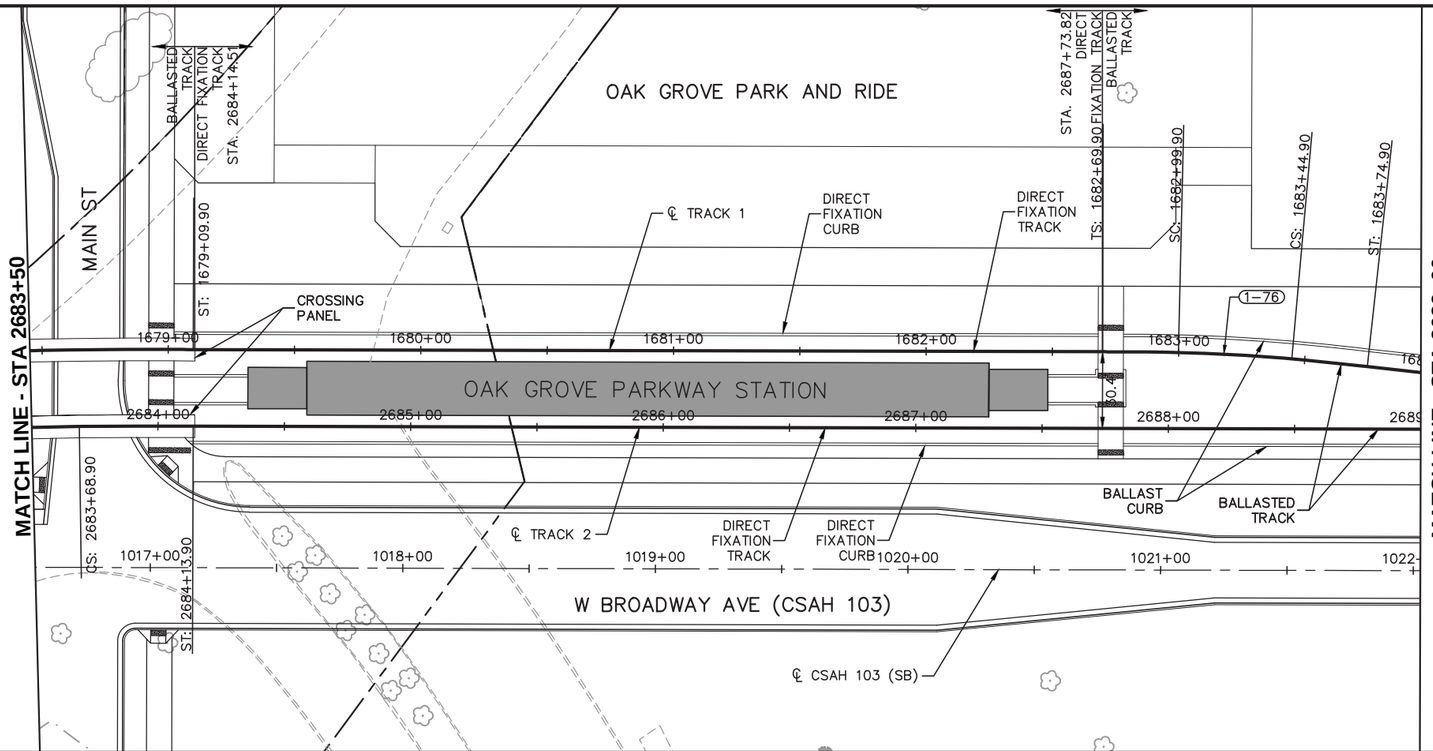
DISCIPLINE: TRACK

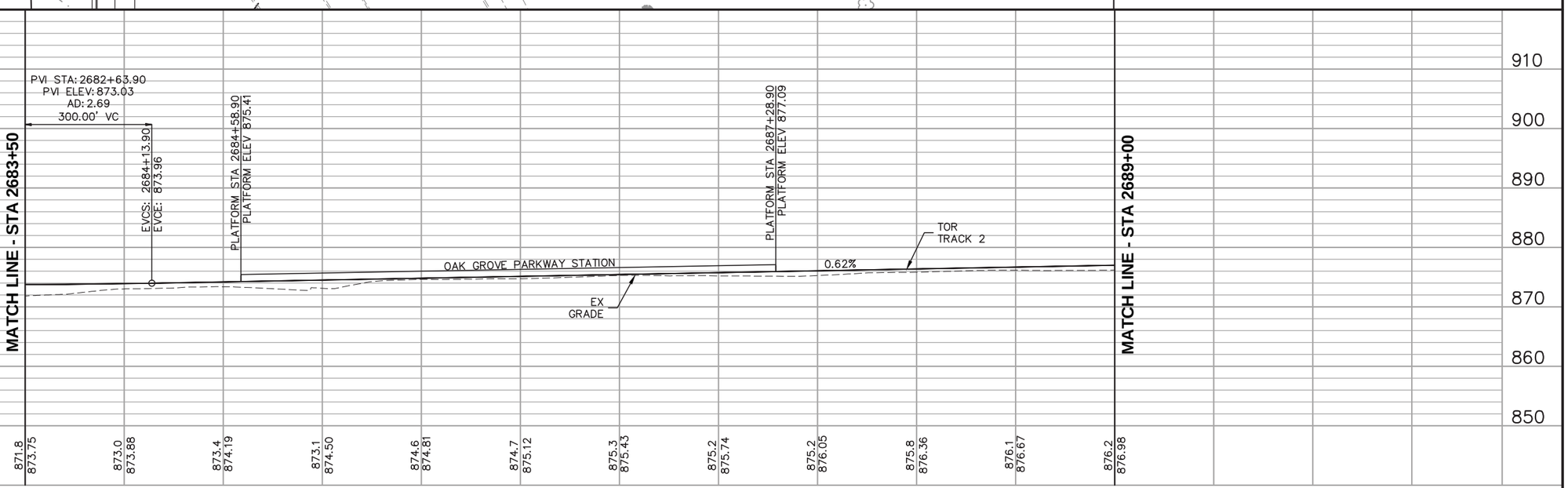
SHEET NAME: BP-TRK-PPFL-038

SHEET 140 OF 266

Dec, 09 2015 09:19 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

CURVE NO 1-76
R = 700.00'
Lc = 45.00'
Ls = 30.00'
Ea = 0.00"
Eu = 1.27"
Vd = 15 MPH





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2683+50 TO STA 2689+00

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-039

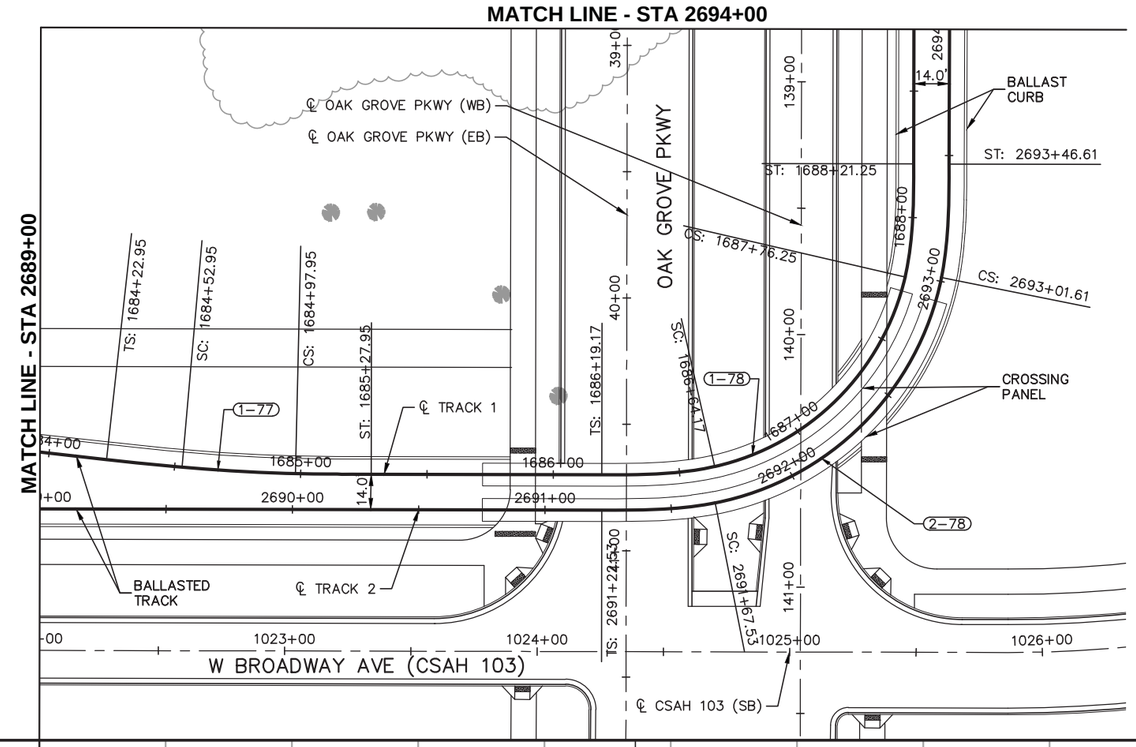
SHEET 141 OF 266

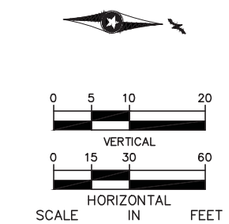
Dec, 09 2015 09:20 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho

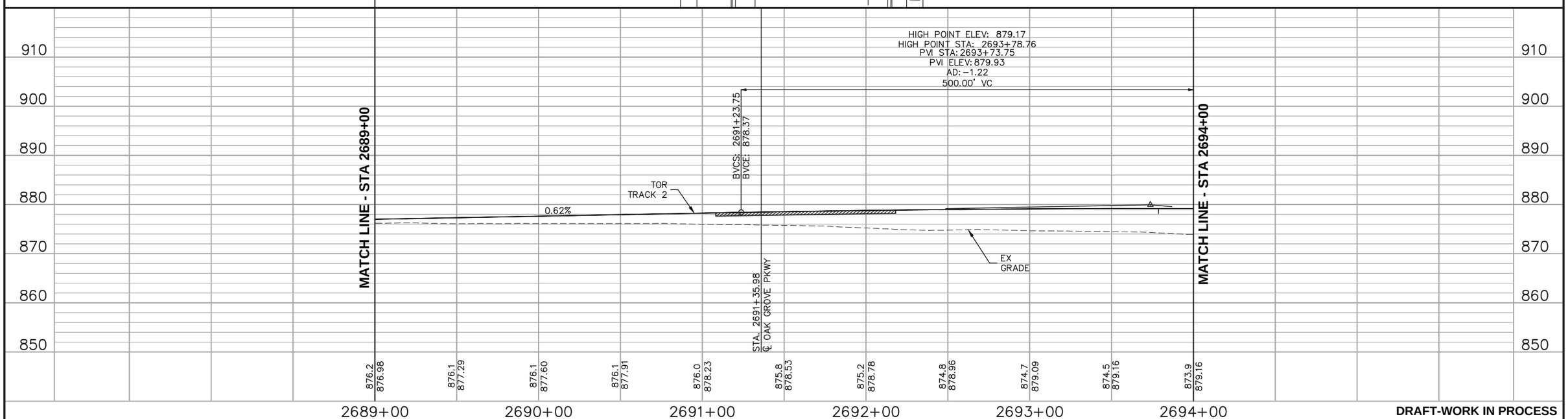
CURVE NO 1–77
R = 700.00'
Lc = 45.00'
Ls = 30.00'
Ea = 0.00"
Eu = 1.27"
Vd = 15 MPH

CURVE NO 1–78
R = 100.00'
Lc = 112.08'
Ls = 45.00'
Ea = 0.00"
Eu = 3.96"
Vd = 10 MPH

CURVE NO 2–78
R = 114.00'
Lc = 134.08'
Ls = 45.00'
Ea = 0.00"
Eu = 3.47"
Vd = 10 MPH







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

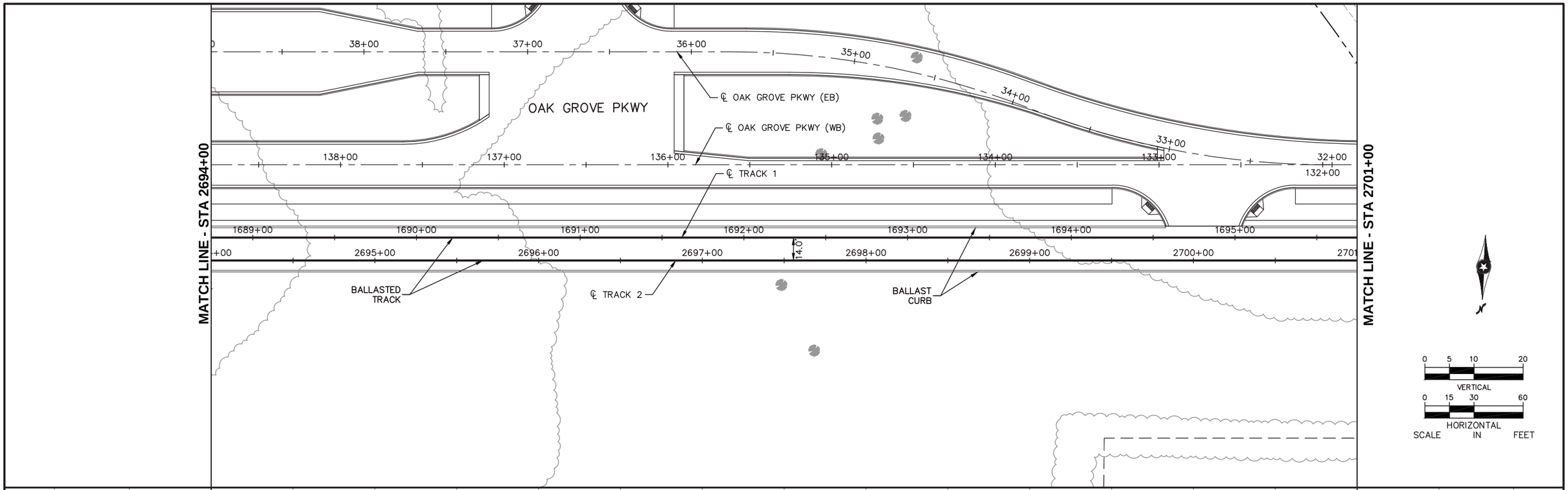
SEGMENT BP
NON-REVENUE TRACK
PLAN AND PROFILE
STA 2689+00 TO STA 2694+00

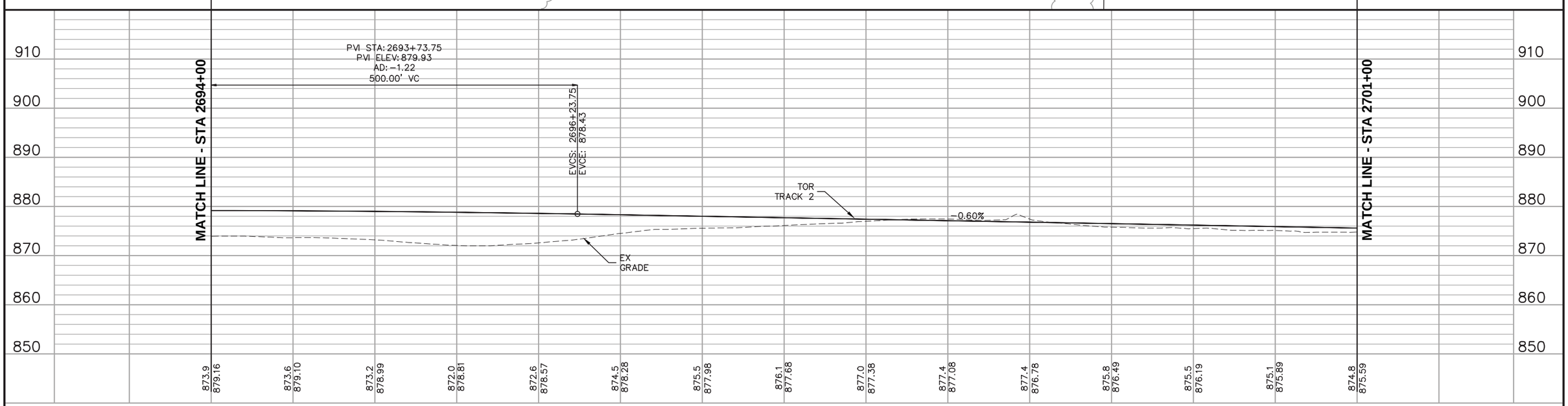
DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-040

SHEET 142 OF 266

Dec, 09 2015 09:22 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

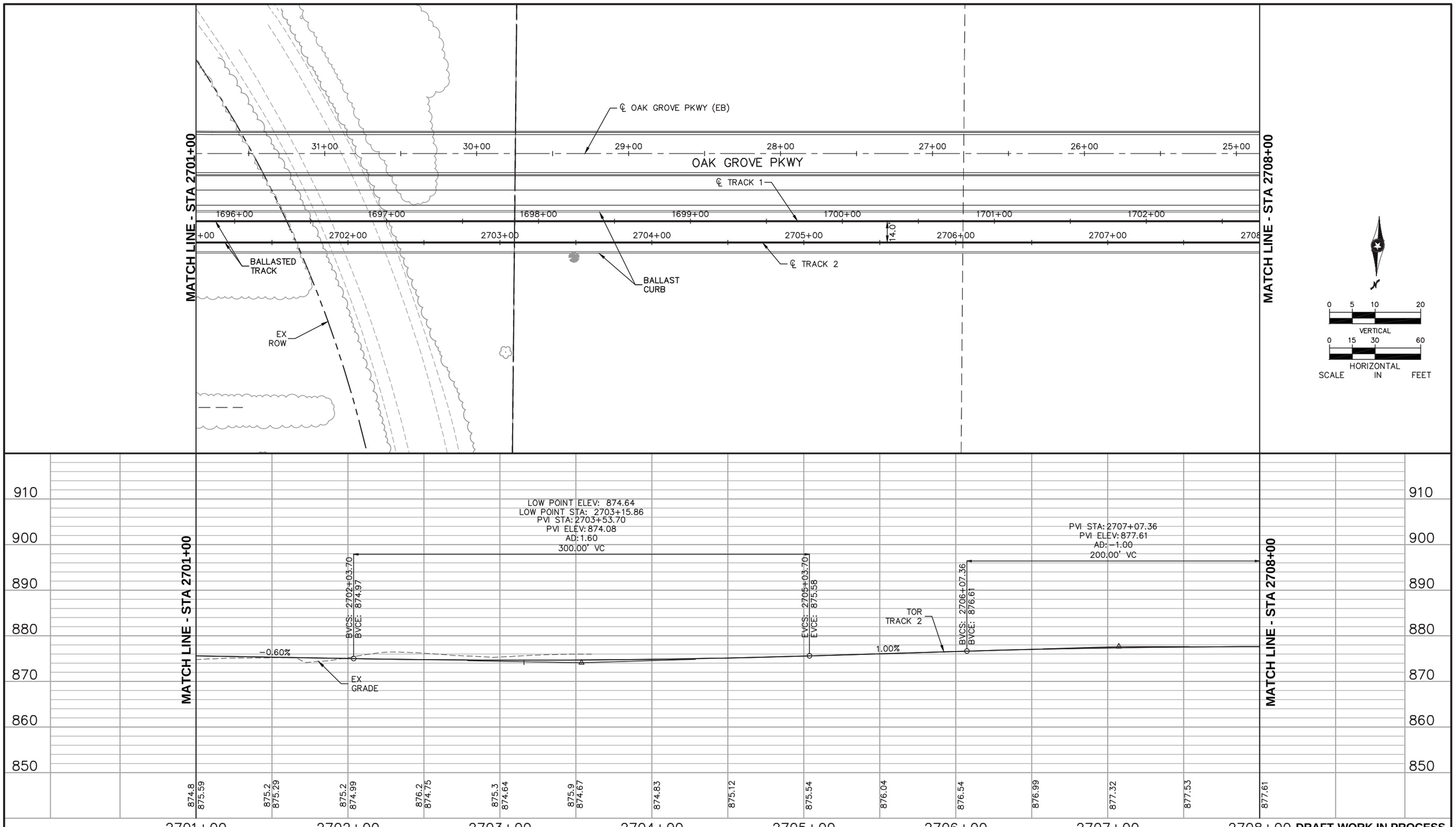
SEGMENT BP
NON-REVENUE TRACK
PLAN AND PROFILE
STA 2694+00 TO STA 2701+00

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-041

SHEET 143 OF 266

Dec, 09 2015 09:23 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

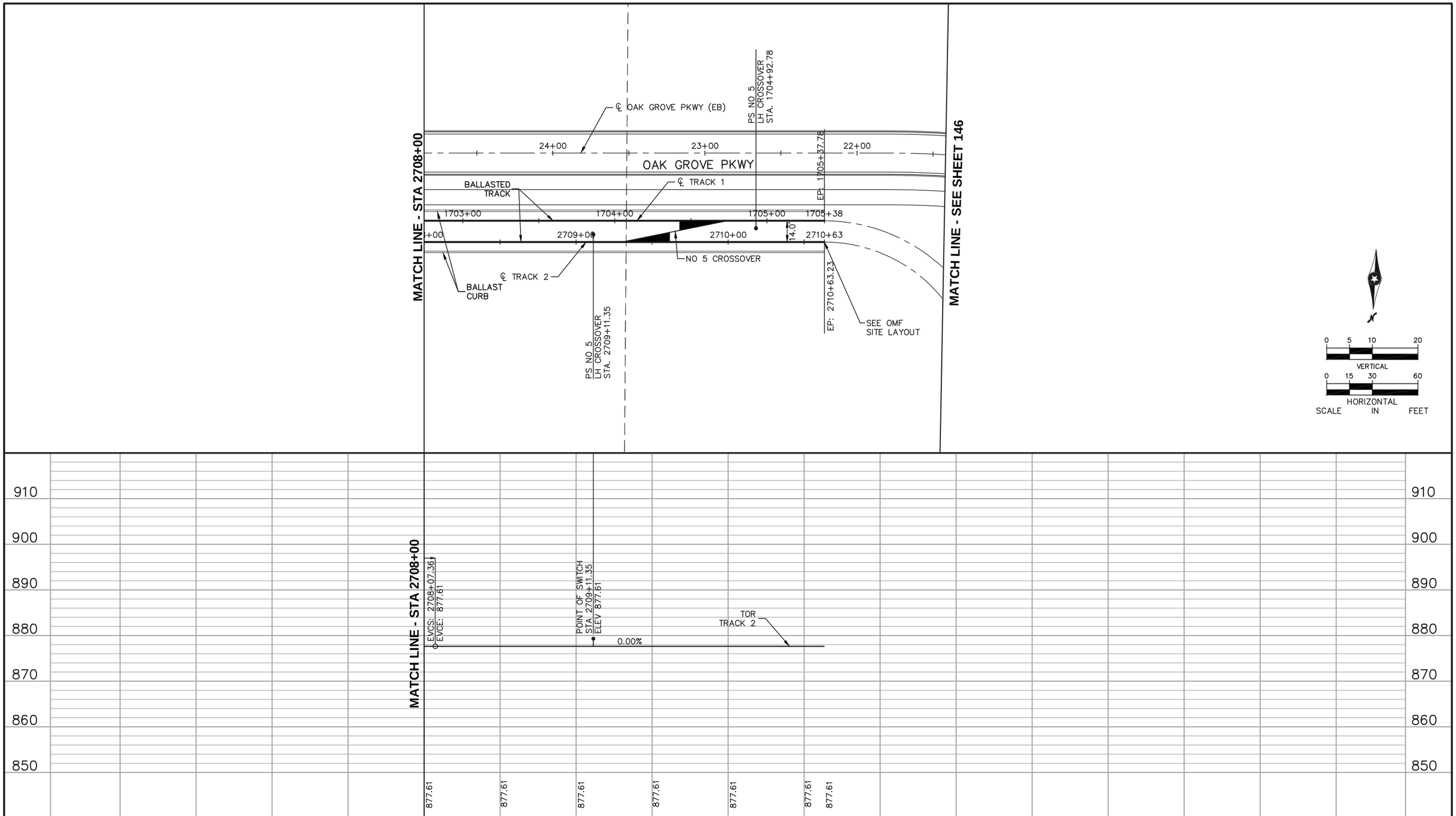
SEGMENT BP
NON-REVENUE TRACK
PLAN AND PROFILE
STA 2701+00 TO STA 2708+00

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-042

SHEET 144 OF 266

Dec, 09 2015 09:25 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

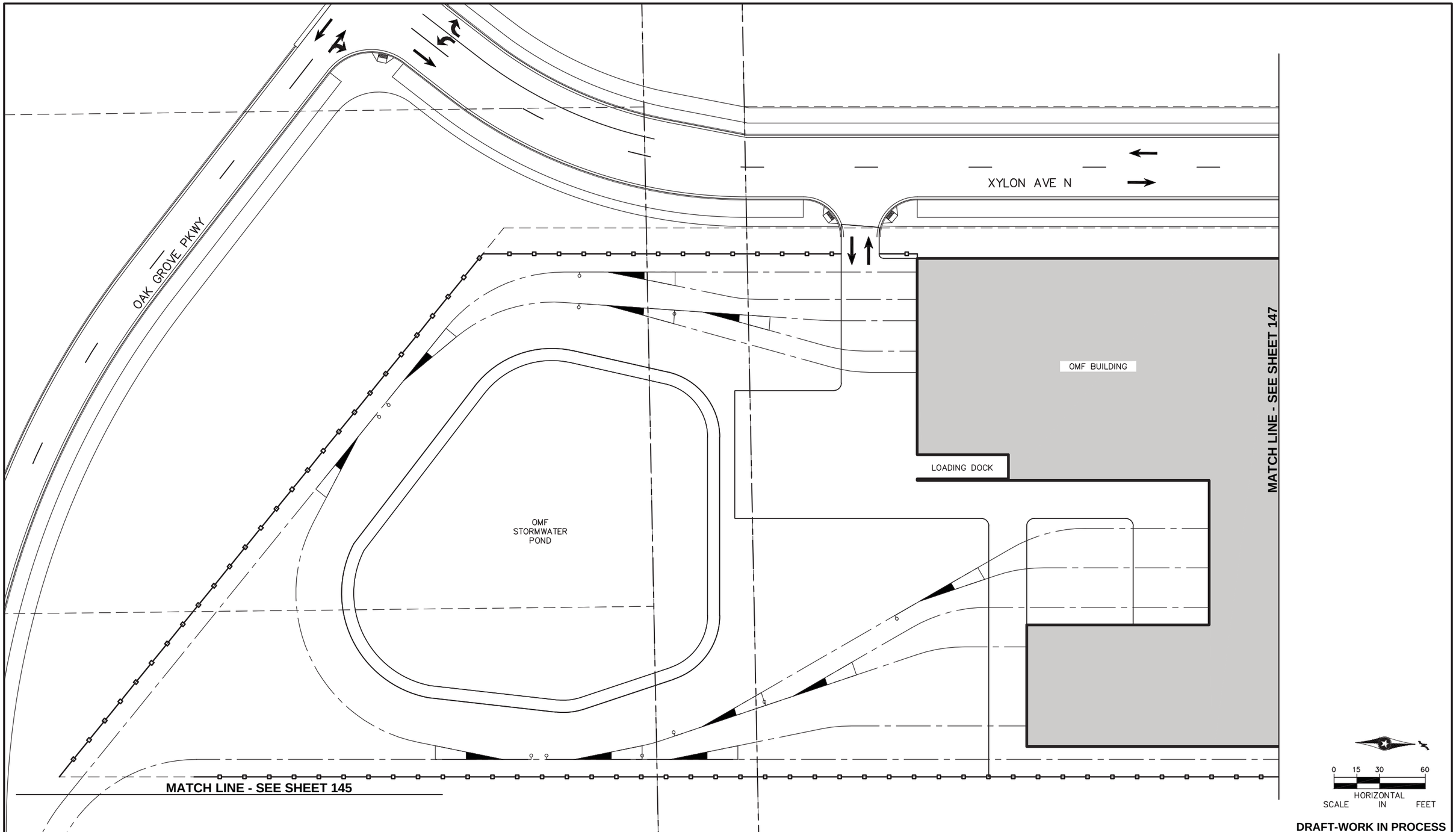
SEGMENT BP
NON-REVENUE TRACK
PLAN AND PROFILE
STA 2708+00 TO STA 2710+63

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-PPFL-043

SHEET 145 OF 266

Dec, 09 2015 09:26 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-PPFL.dwg By: V-Prudho



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

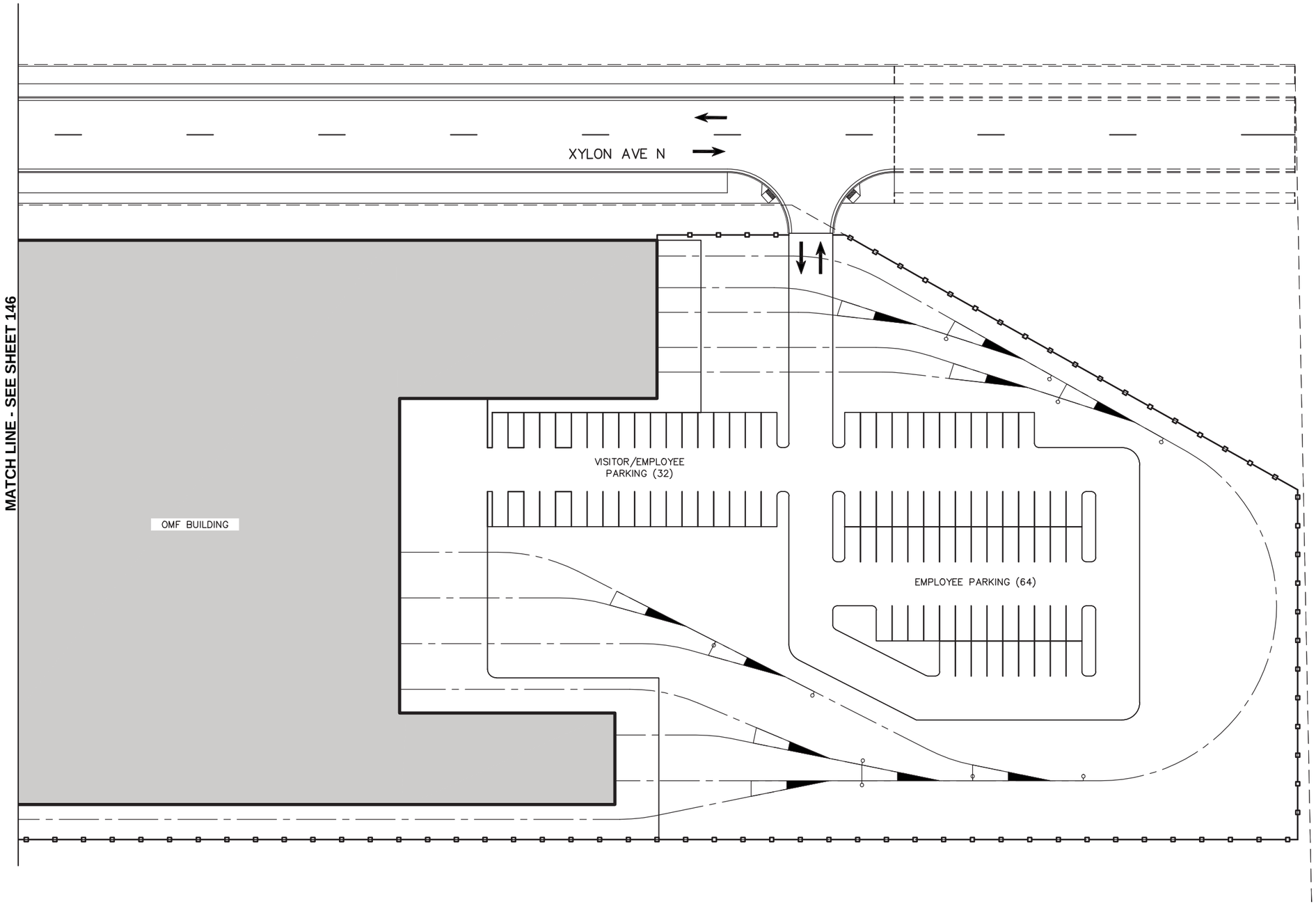
SEGMENT BP
TRACK
OMF SITE LAYOUT

DISCIPLINE: TRACK

SHEET NAME: BP-TRK-OMF-044

SHEET 146 OF 266

Dec, 07 2015 11:59 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-OMF.dwg By: V-Prudho



0 15 30 60
HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
WSP | PARSONS BRINCKERHOFF

MUNICIPAL CONSENT

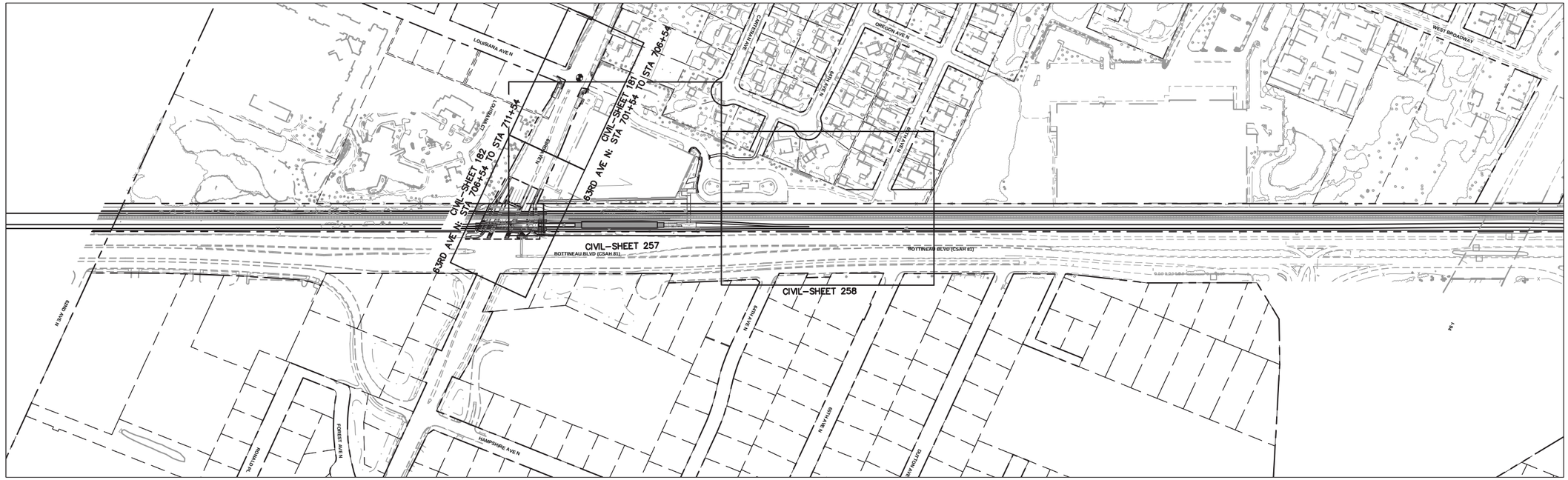
METRO BLUE LINE EXTENSION Bottineau LRT
METROPOLITAN COUNCIL

SEGMENT BP
TRACK
OMF SITE LAYOUT

DISCIPLINE: TRACK
SHEET NAME: BP-TRK-OMF-045

SHEET 147 OF 266

Dec, 07 2015 12:00 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\TRACK\BP1-TRK-OMF.dwg By: V-Prudho



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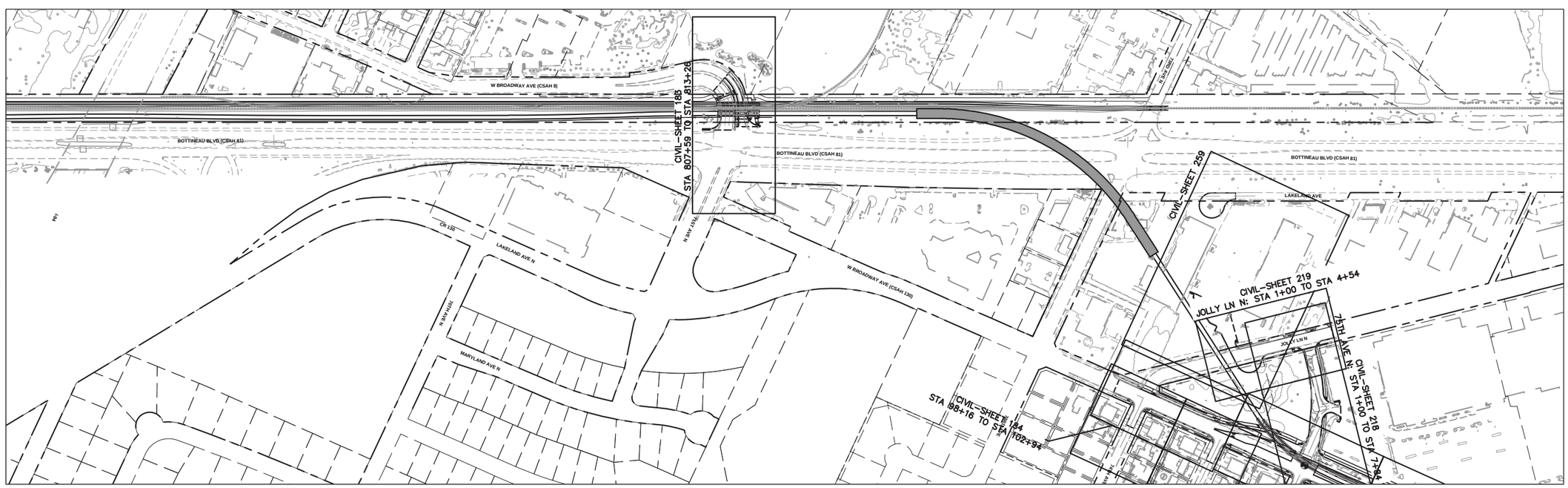

SEE ABOVE

SEE SHEET 149

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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. | ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

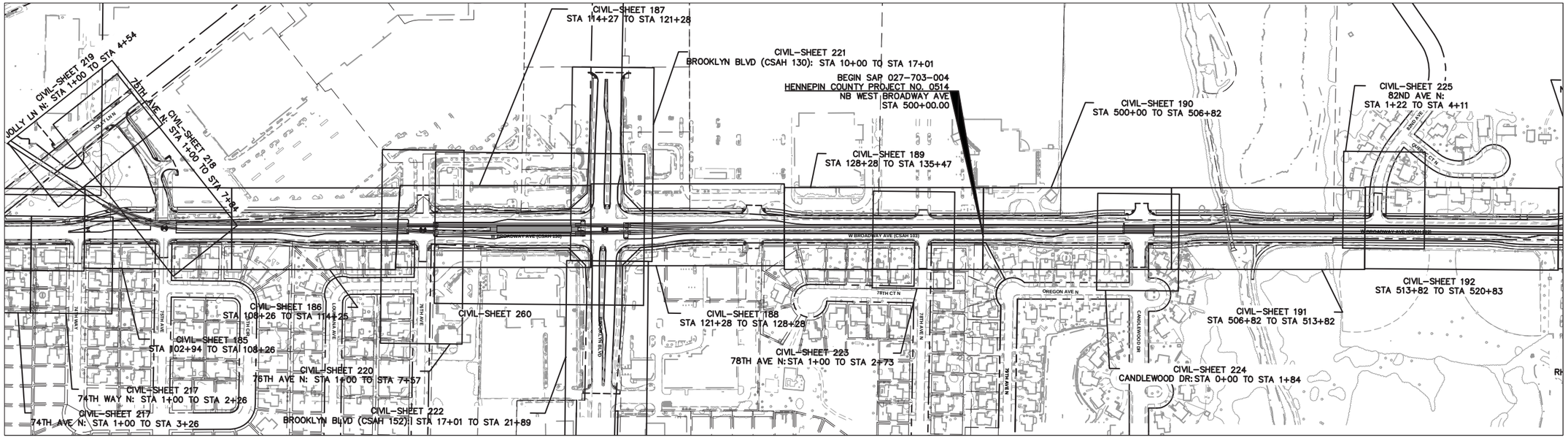
SEGMENT BP
CIVIL
SHEET LAYOUT INDEX

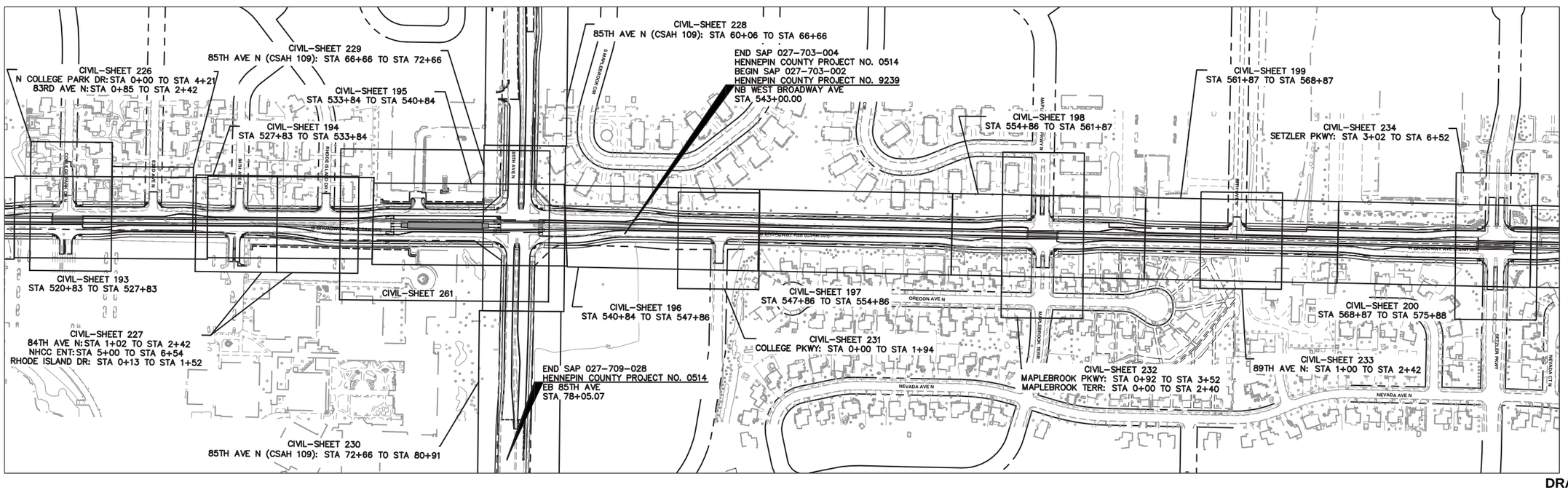
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-IDX-001

SHEET 148 OF 266

Dec, 08 2015 05:18 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-IDX.dwg By: hgarrido





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

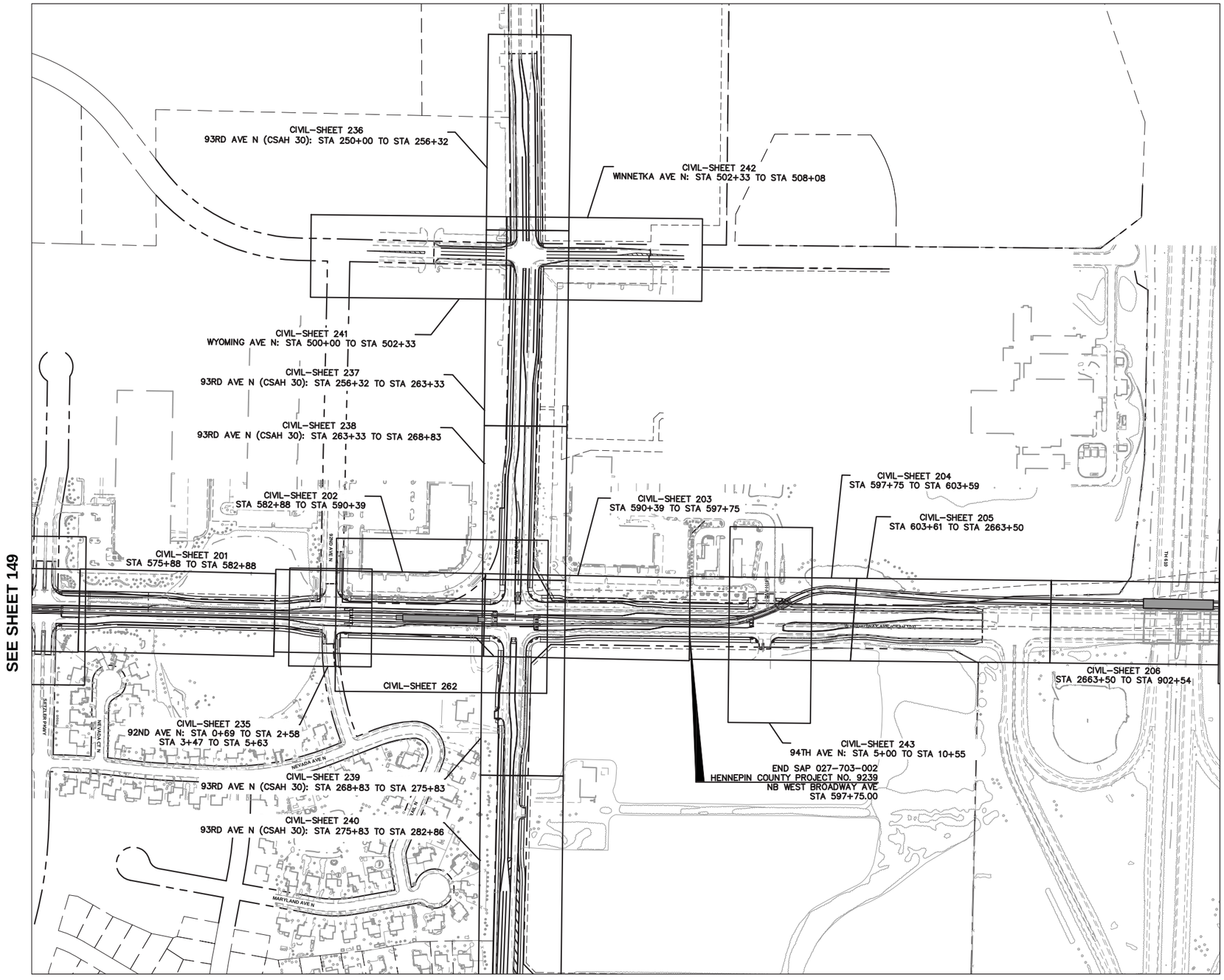
SEGMENT BP
CIVIL
SHEET LAYOUT INDEX

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-IDX-002

SHEET 149 OF 266

Dec, 08 2015 05:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-IDX.dwg By: hgarrido



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HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
SHEET LAYOUT INDEX

DISCIPLINE: CIVIL

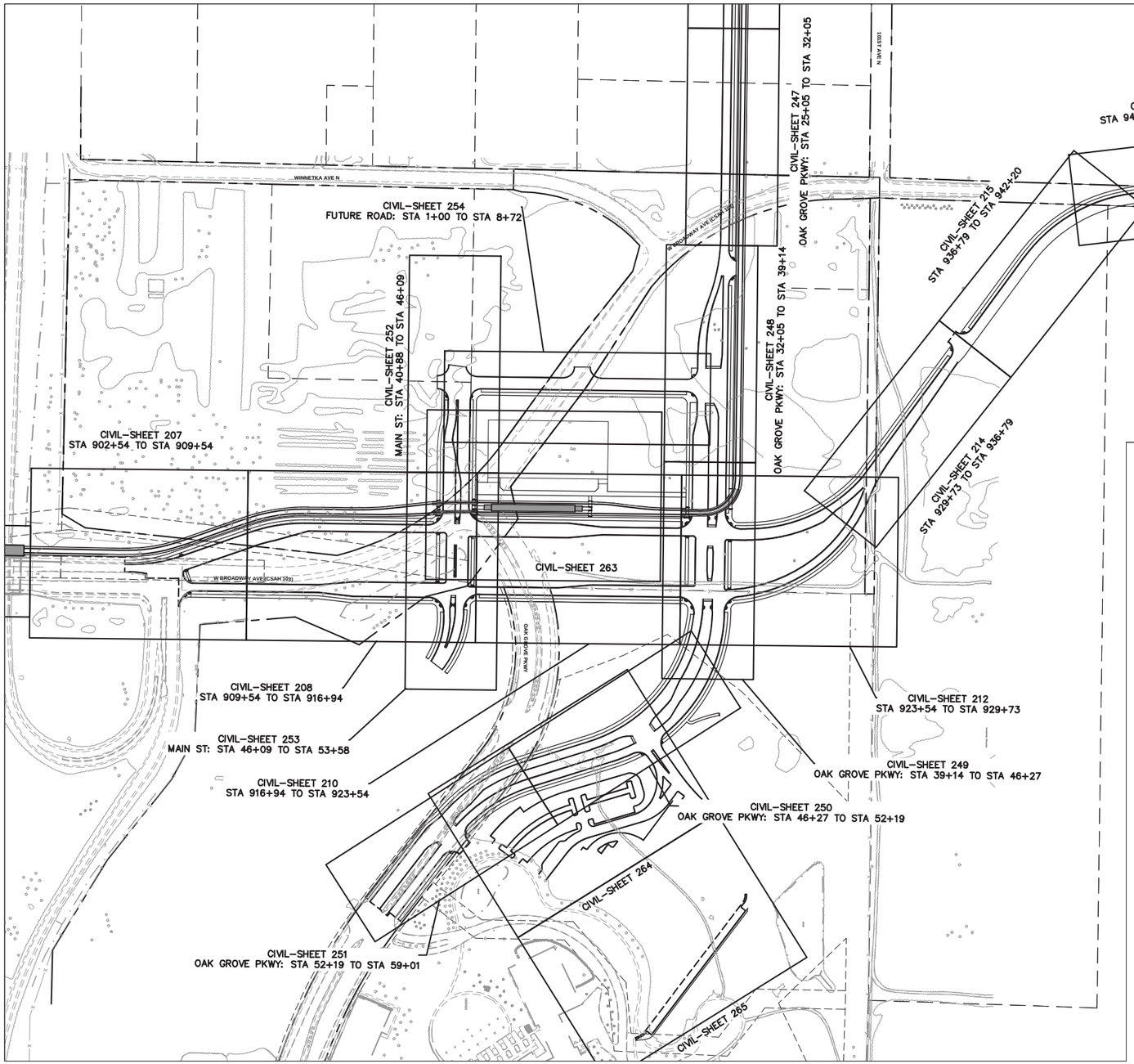
SHEET NAME: BP-CIV-IDX-003

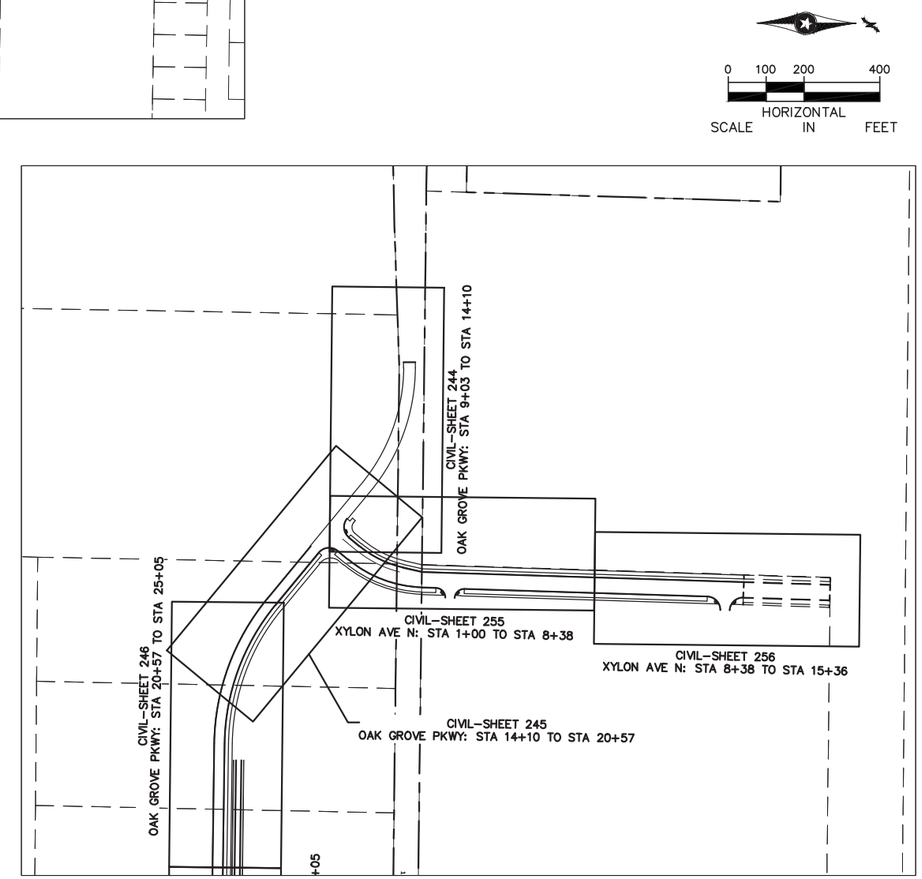
SHEET 150 OF 266

Dec, 08 2015 05:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-IDX.dwg By: hgarrido

SEE BELOW

SEE SHEET 150





SEE ABOVE

0 100 200 400
HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
SHEET LAYOUT INDEX

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-IDX - 004

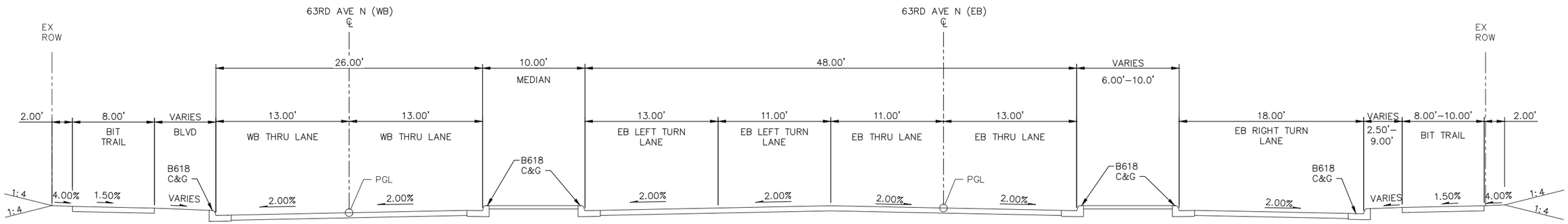
SHEET 151 OF 266

Dec, 08 2015 05:33 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-IDX.dwg By: hgarrido

NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - 63RD AVE N
STA 707+87 TO STA 710+13

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-1

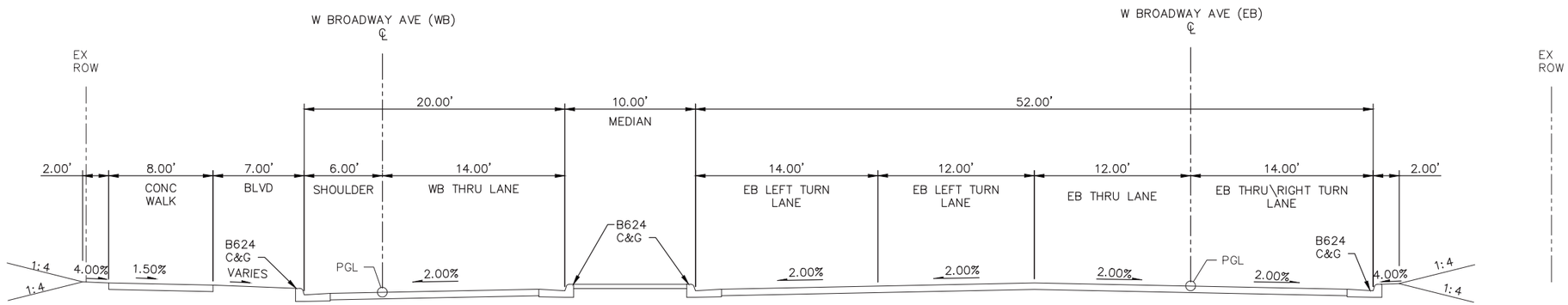
SHEET 152 OF 266

Dec, 08 2015 02:18 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - W. BROADWAY AVE (CSAH 8)
STA 808+50 TO STA 810+08

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-2

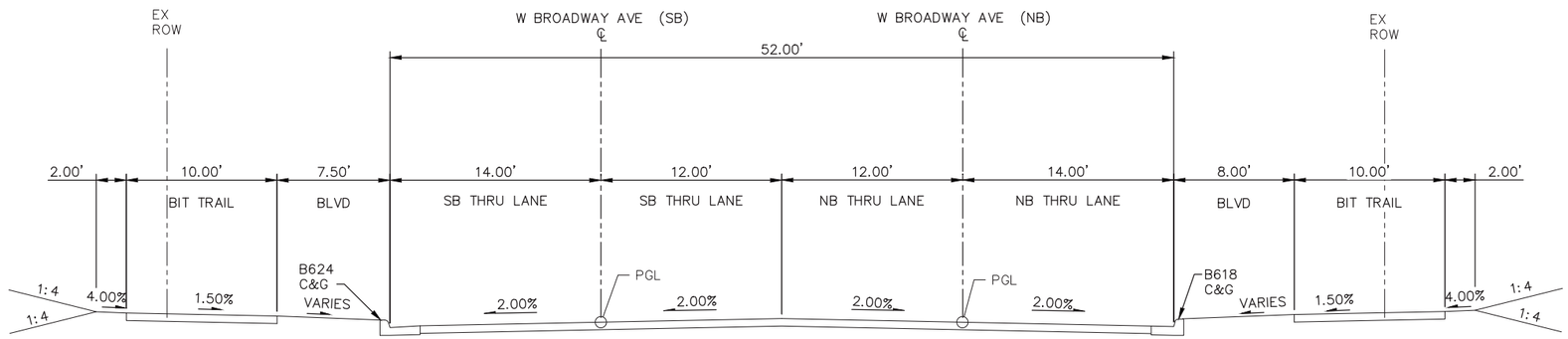
SHEET 153 OF 266

Dec, 08 2015 02:18 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - W BROADWAY AVE (CSAH 130)
STA 98+55.7 TO STA 101+69

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-3

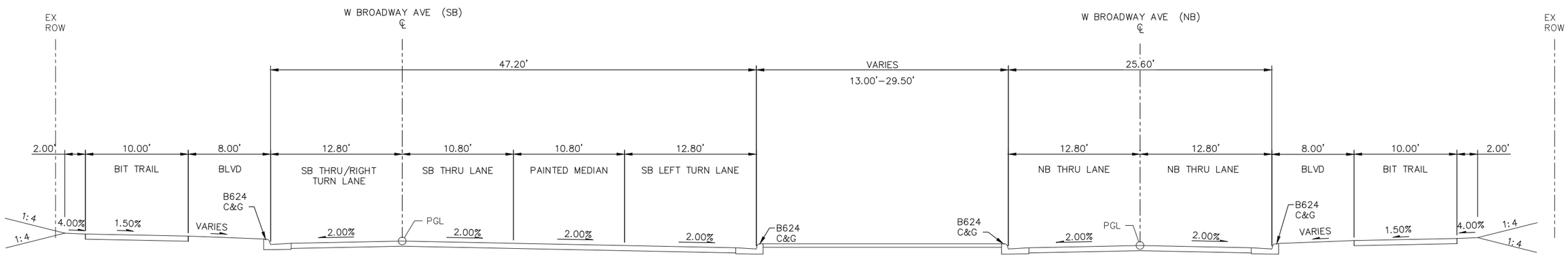
SHEET 154 OF 266

Dec. 08 2015 02:18 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION -W BROADWAY AVE (CSAH 103)
STA 601+09 TO STA 604+07

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-4

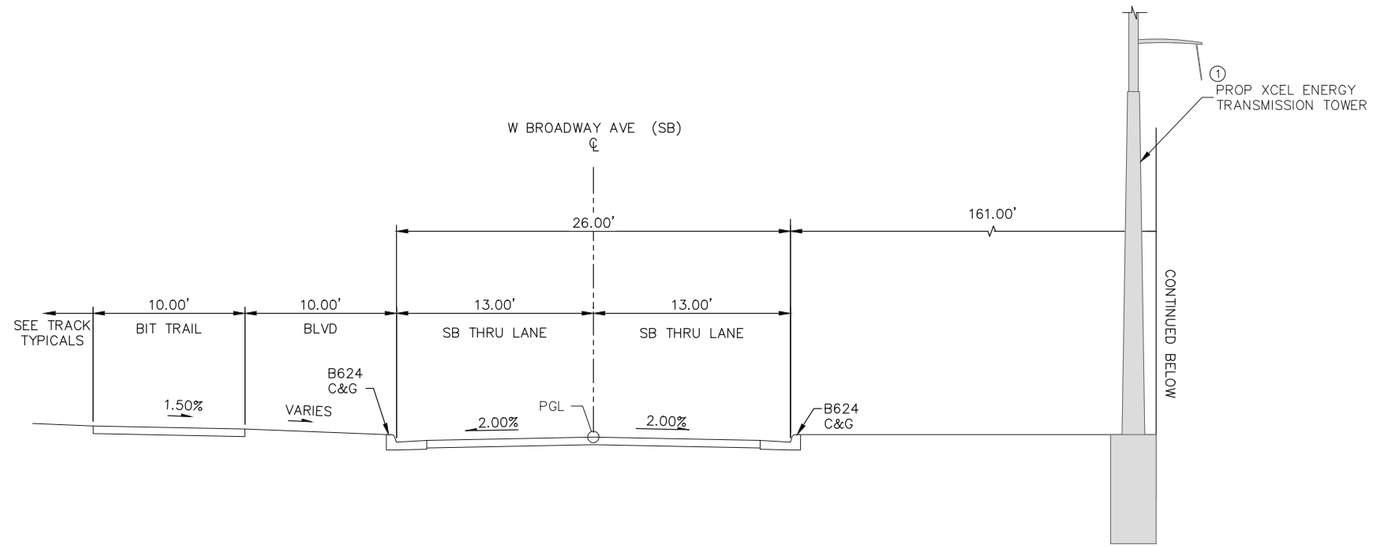
SHEET 155 OF 266

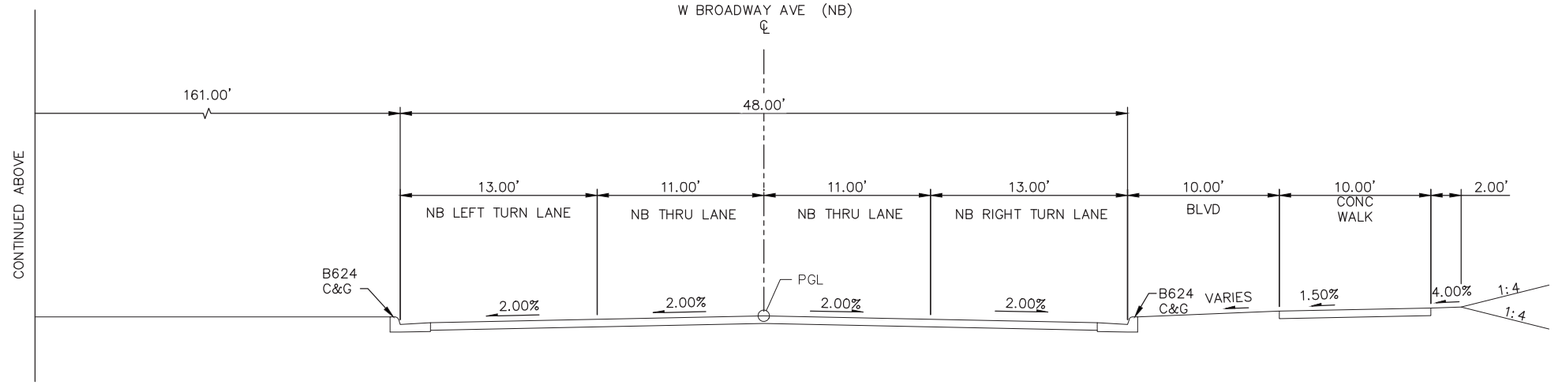
Dec, 08 2015 02:18 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
1. XCEL TRANSMISSION TOWERS TO BE SHIFTED TO CENTER MEDIAN ON W BROADWAY AVE.

PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H.





TYPICAL SECTION -W BROADWAY AVE (CSAH 103)
STA 912+97 TO STA 915+35

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-5

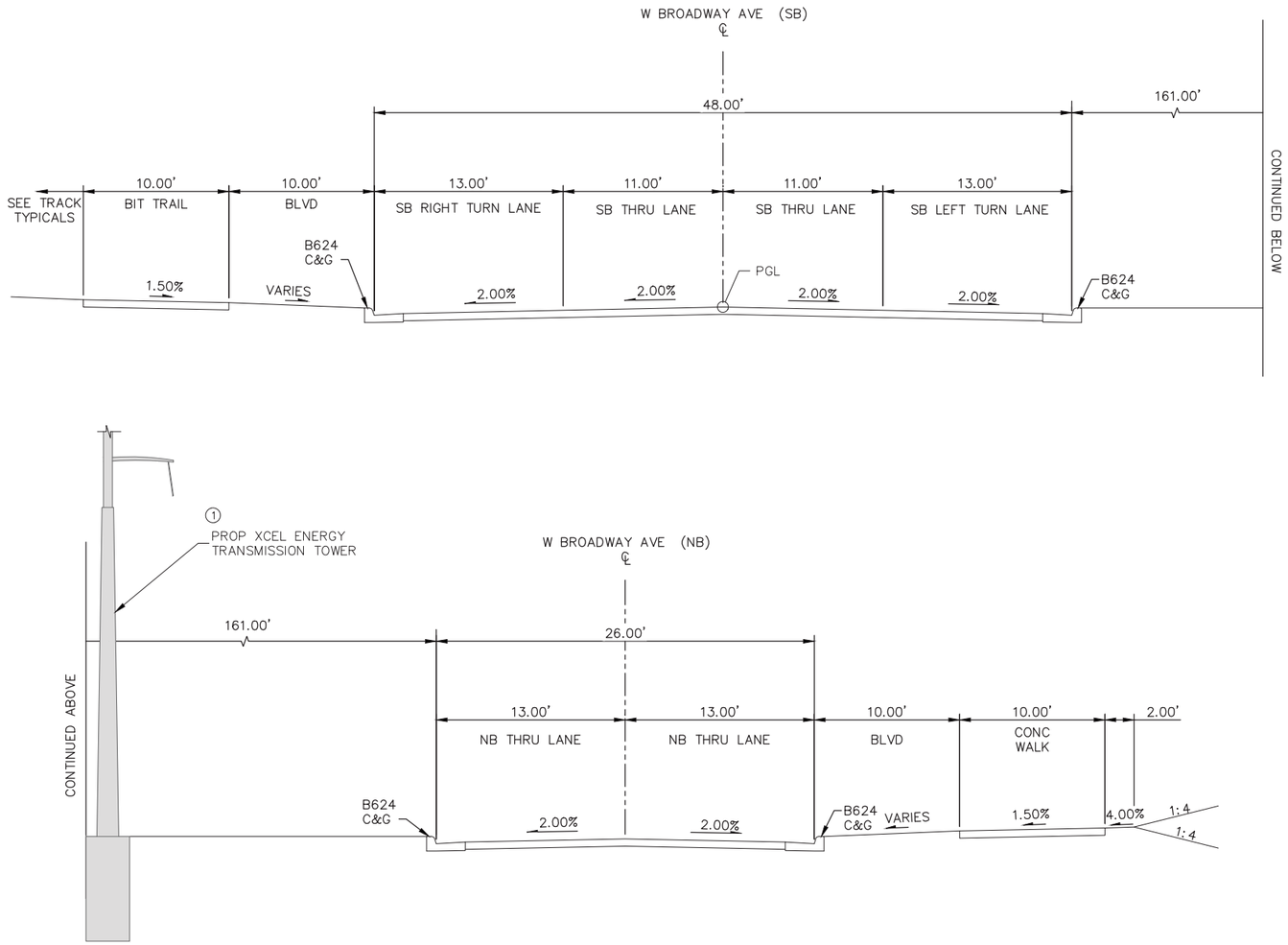
SHEET 156 OF 266

Dec. 08 2015 02:18 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
1. XCEL TRANSMISSION TOWERS TO BE SHIFTED TO CENTER MEDIAN ON W BROADWAY AVE.

PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H.



TYPICAL SECTION -W BROADWAY AVE (CSAH 103)
STA 917+20 TO STA 919+50

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-6

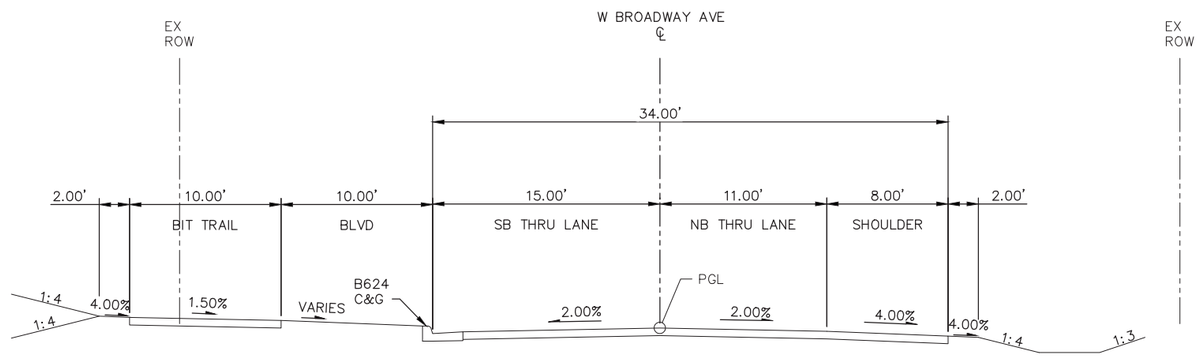
SHEET 157 OF 266

Dec, 08 2015 02:18 pm H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION -W BROADWAY AVE (CSAH 103)
STA 936+10 TO STA 945+16

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc.
ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION
BOTTINEAU LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-7

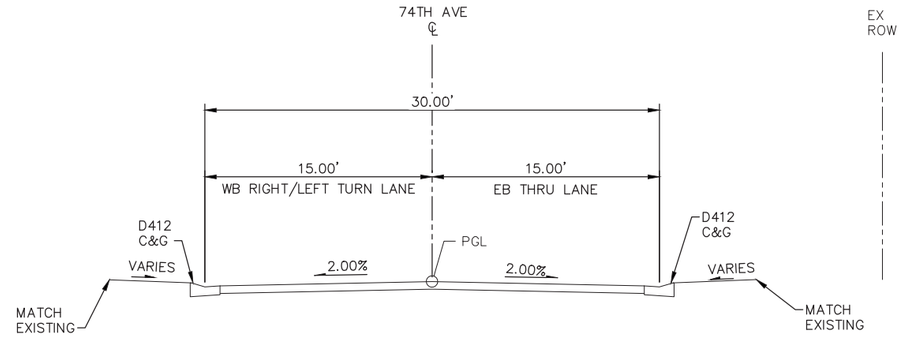
SHEET 158 OF 266

Dec, 08 2015 02:18 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

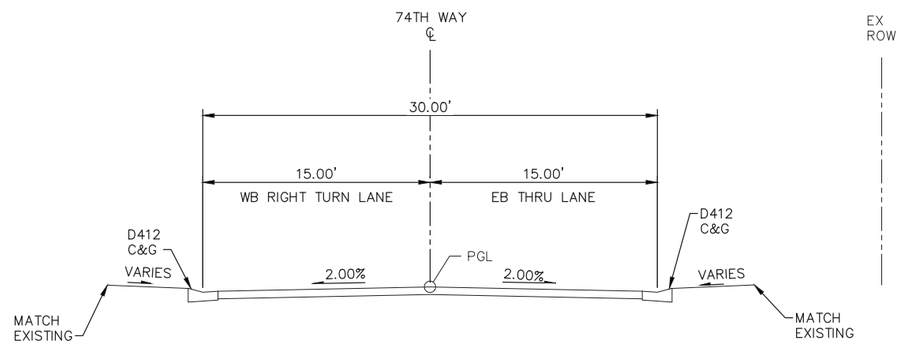
NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - 74TH AVE
STA 1+55 TO STA 2+00



TYPICAL SECTION - 74TH WAY
STA 1+55 TO STA 2+00

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-8

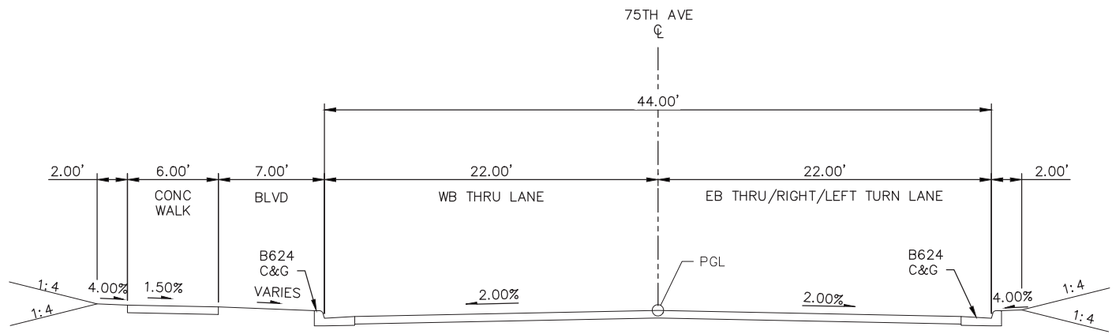
SHEET 159 OF 266

Dec, 08 2015 02:18 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

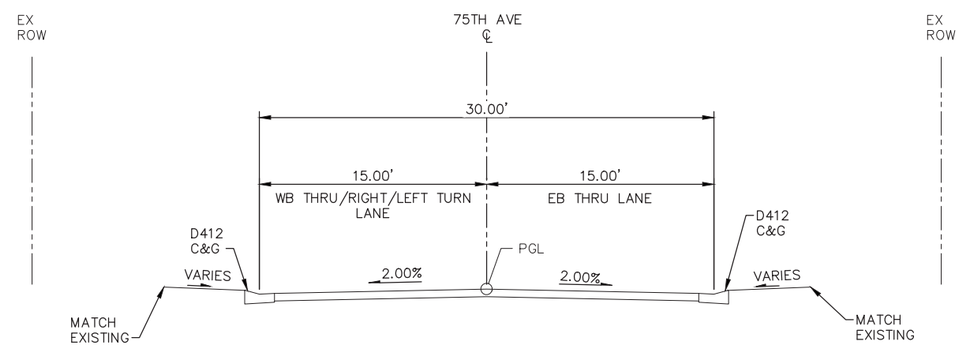
NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - 75TH AVE (WEST)
STA 1+52 TO STA 4+83



TYPICAL SECTION - 75TH AVE (EAST)
STA 6+43 TO STA 6+69

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-9

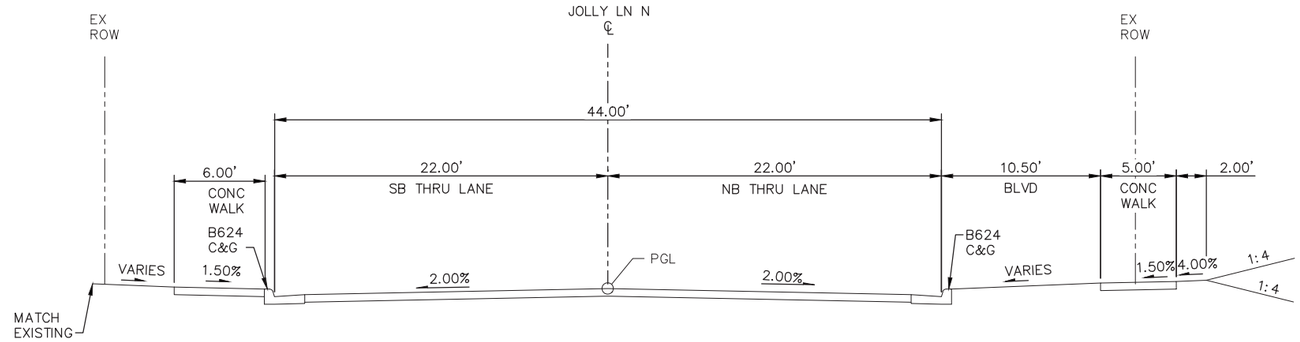
SHEET 160 OF 266

Dec, 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

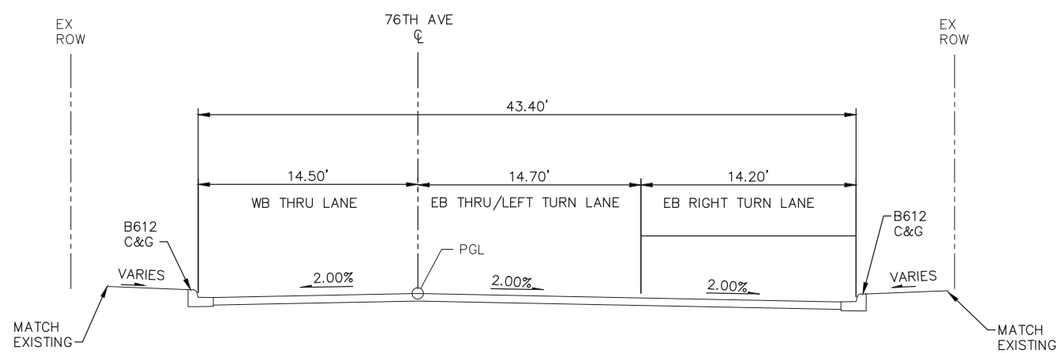
NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - JOLLY LN N
STA 1+93 TO STA 4+37



TYPICAL SECTION - 76TH AVE (WEST)
STA 2+20 TO STA 2+45

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-10

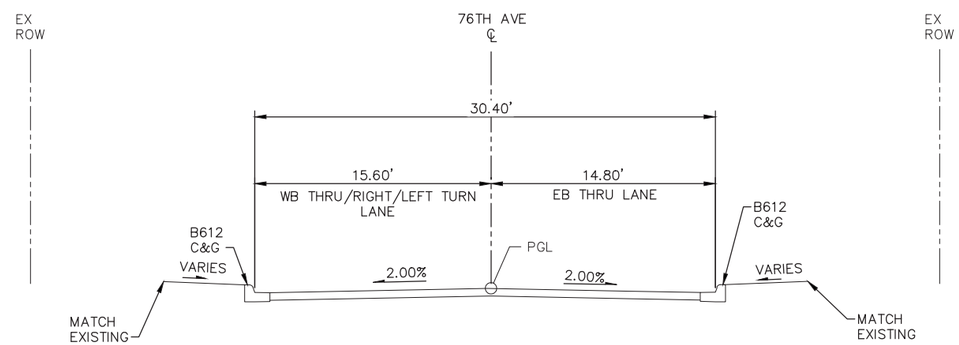
SHEET 161 OF 266

Dec, 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

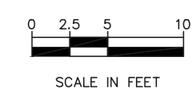
NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - 76TH AVE (EAST)
STA 4+35 TO STA 4+60



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-11

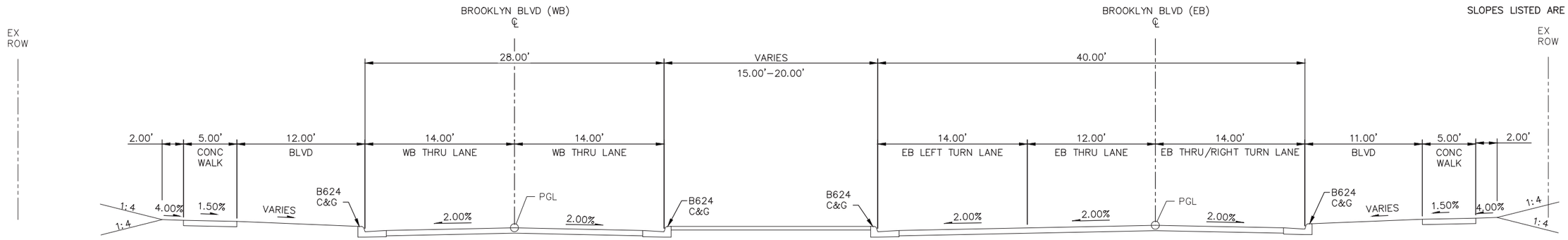
SHEET 162 OF 266

Dec, 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTE:

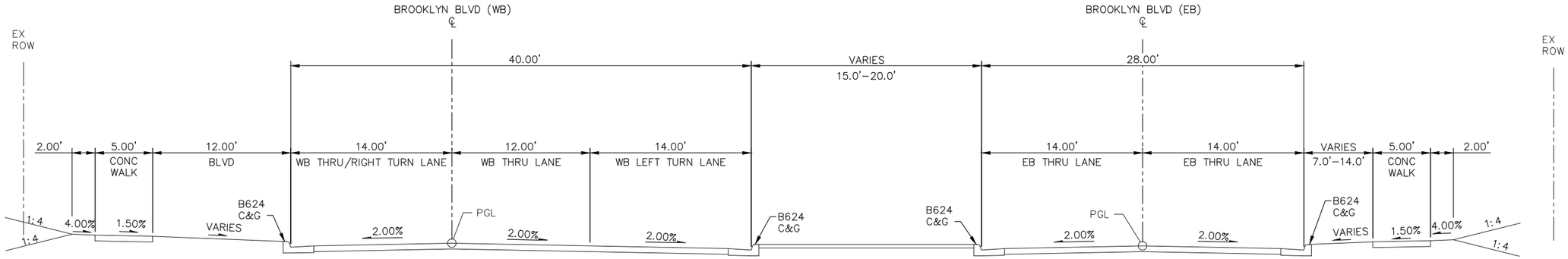
PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - BROOKLYN BLVD (WEST)

STA 12+37 TO STA 14+91



TYPICAL SECTION - BROOKLYN BLVD (EAST)

STA 16+68 TO STA 19+09

0 2.5 5 10

SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-12

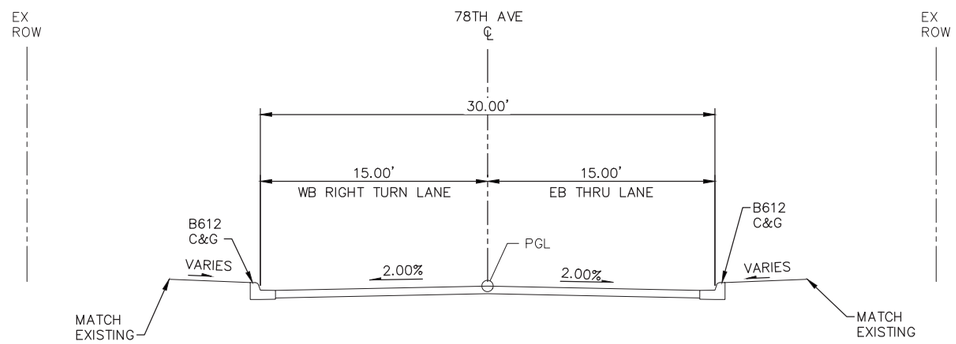
SHEET 163 OF 266

Dec. 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - 78TH AVE
STA 1+53 TO STA 2+15

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-13

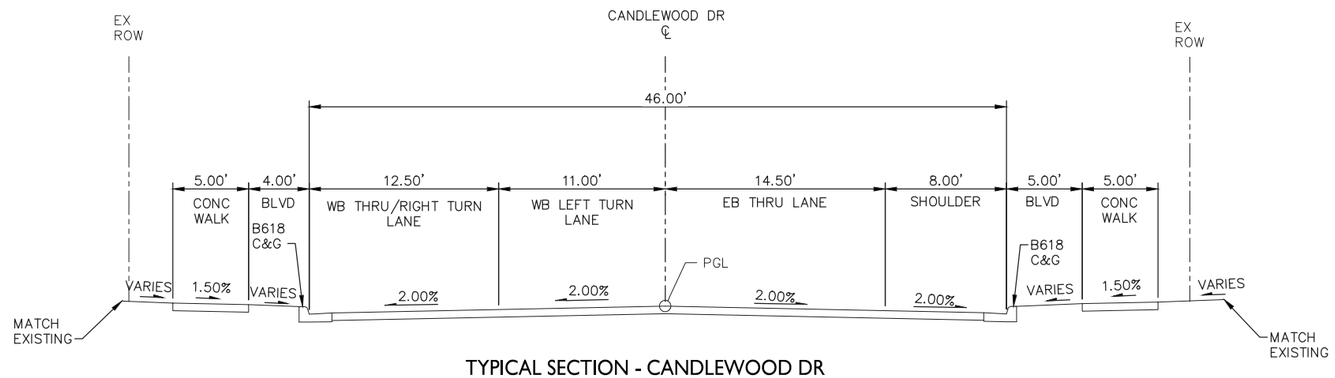
SHEET 164 OF 266

Dec, 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

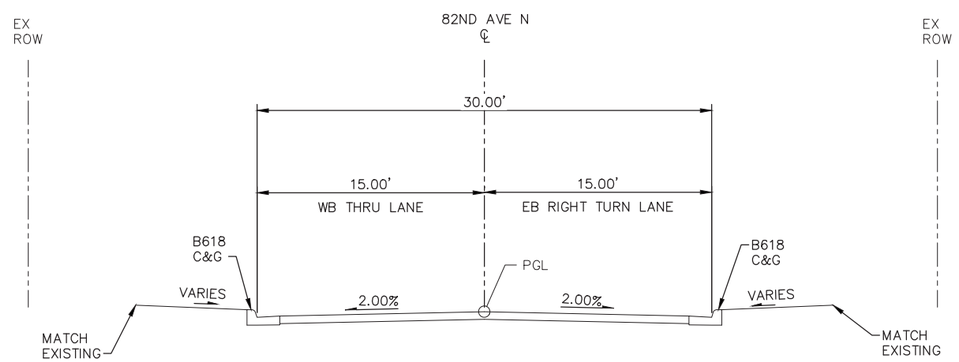
NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA:500+00 TO STA:597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY

PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H.



TYPICAL SECTION - CANDLEWOOD DR
STA 0+42 TO STA 1+00



TYPICAL SECTION - 82ND AVE N
STA 2+80 TO STA 3+41

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BottineauLRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-14

Dec, 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
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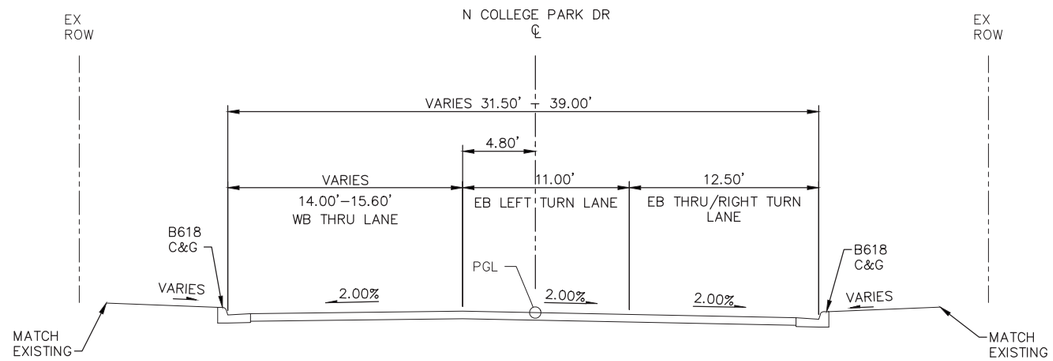
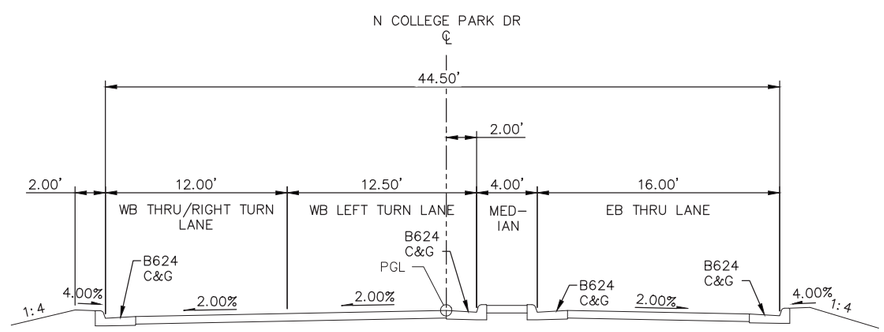
PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H.



TYPICAL SECTION - COLLEGE PARK DR (WEST)
STA 1+21 TO STA 1+57



TYPICAL SECTION - COLEGE PARK DR (EAST)
STA 3+19 TO STA 3+60

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BRT/Metro LRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-15

SHEET 166 OF 266

Dec, 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
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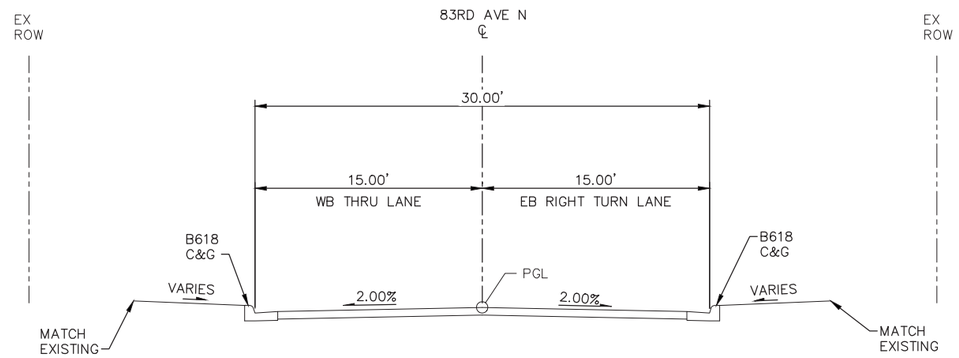
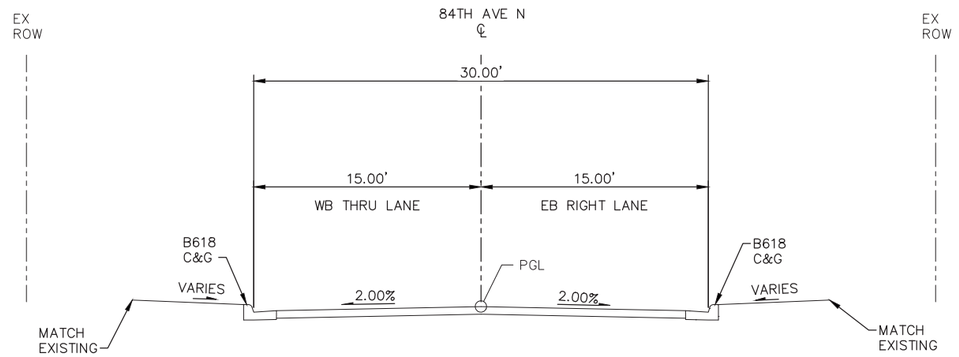
SLOPES LISTED ARE V:H.



TYPICAL SECTION - 83RD AVE N
STA 1+75 TO STA 2+00



TYPICAL SECTION - 84TH AVE N (WEST)
STA 1+50 TO STA 2+01

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BottineauLRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-16

SHEET 167 OF 266

Dec, 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
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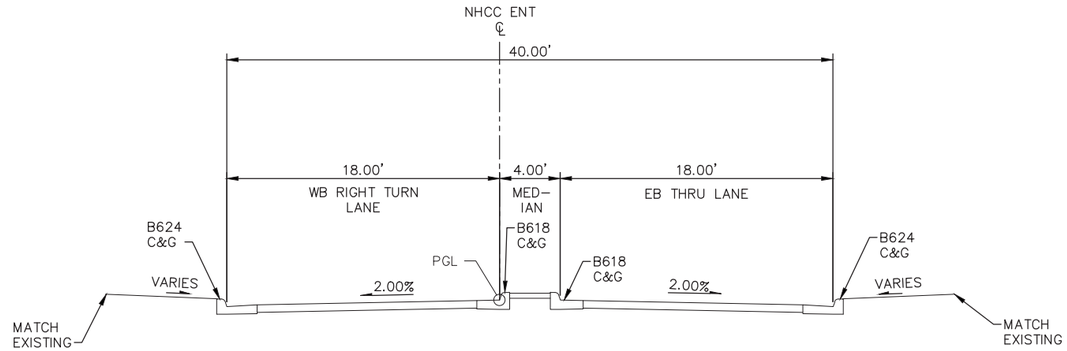
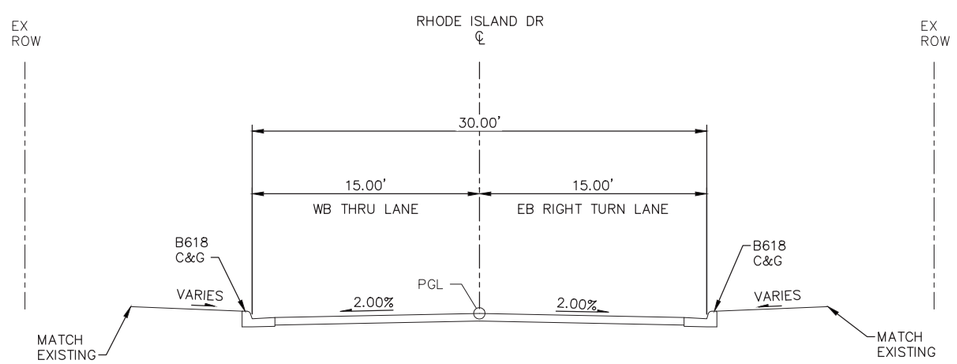
PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H.



TYPICAL SECTION - NHCC ENT
STA 5+36 TO STA 6+02



TYPICAL SECTION - RHODE ISLAND DR
STA 0+75 TO STA 1+10

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

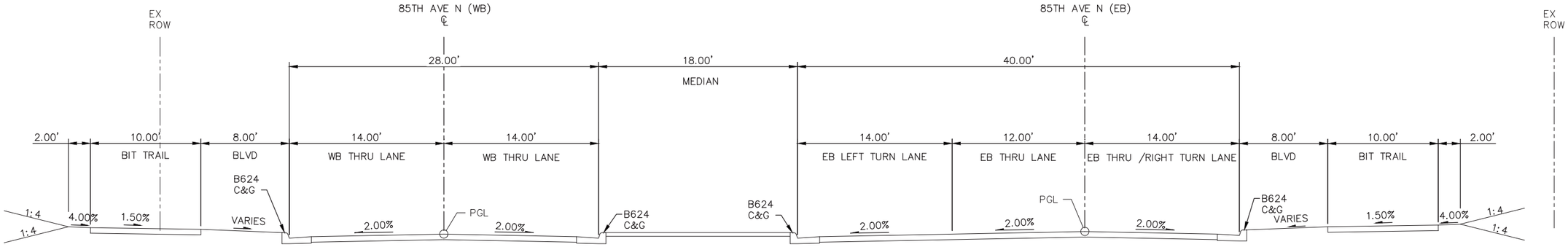
MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BottineauLRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-17

Dec, 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley



TYPICAL SECTION - 85TH AVE N (WEST)
STA 65+48 TO STA 68+00

NOTES:
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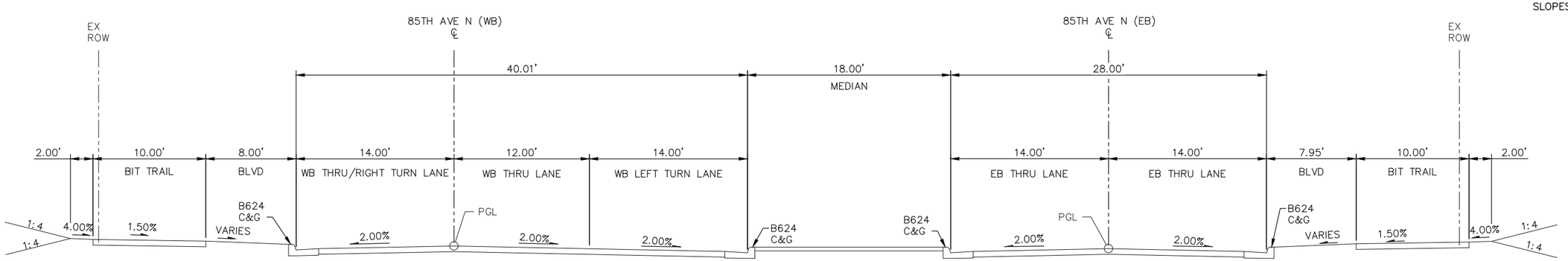

TYPICAL SECTION - 85TH AVE N (EAST)
STA 70+43 TO STA 73+37

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-19

SHEET 169 OF 266

Dec. 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
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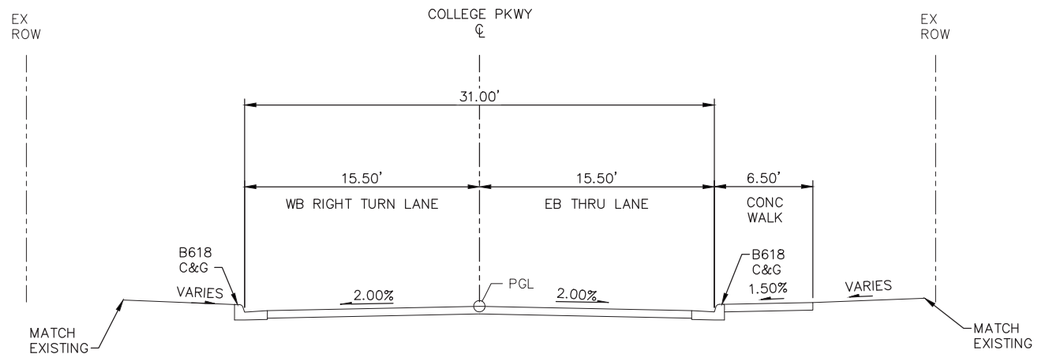
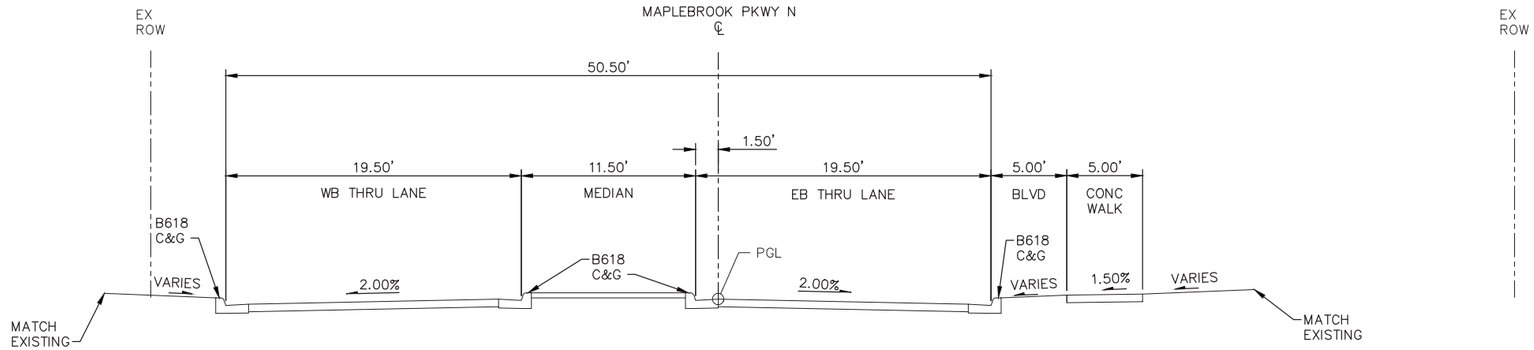
PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H.



TYPICAL SECTION -COLLEGE PKWY
STA 0+42 TO STA 1+00



TYPICAL SECTION - MAPLEBROOK PKWY
STA 2+50 TO STA 3+09

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BottineauLRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-20

SHEET 170 OF 266

Dec, 08 2015 02:19 pm H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
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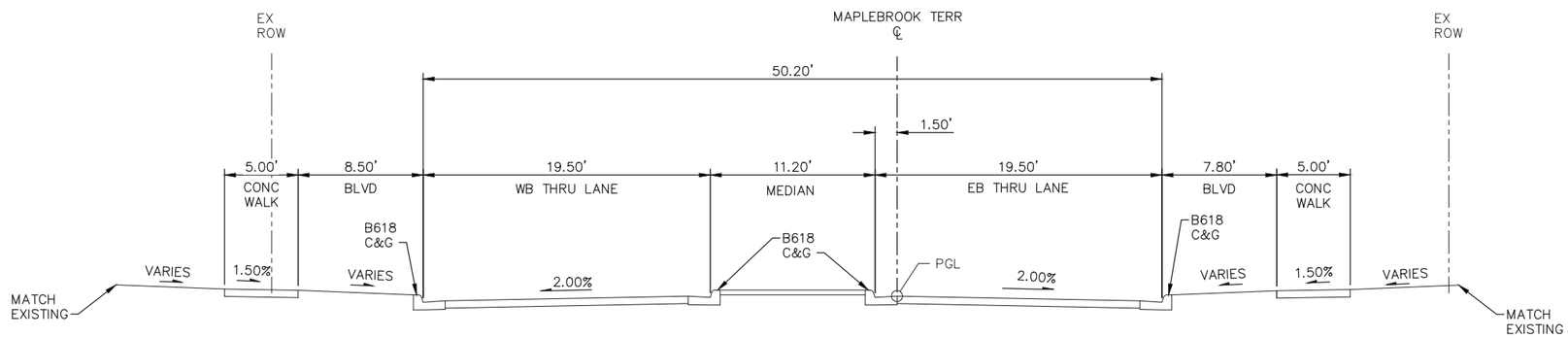
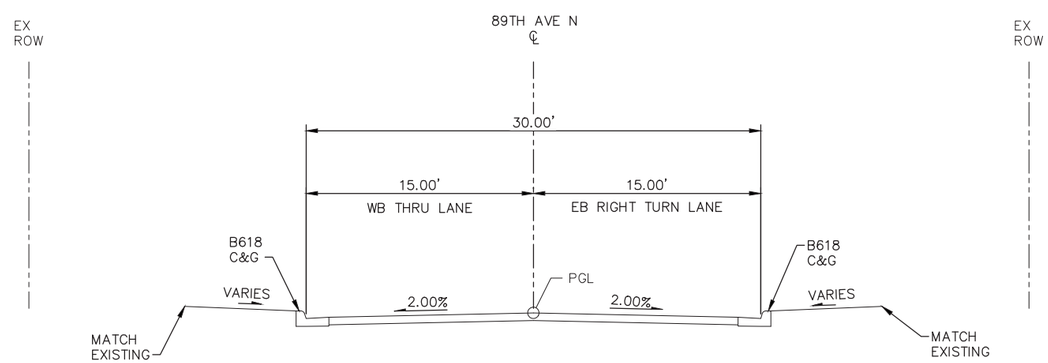
PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H.



TYPICAL SECTION - MAPLEBROOK TERR
STA 0+47 TO STA 0+80



TYPICAL SECTION - 89TH AVE N
STA 1+90 TO STA 2+11

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BottineauLRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-21

SHEET 171 OF 266

Dec, 08 2015 02:19 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
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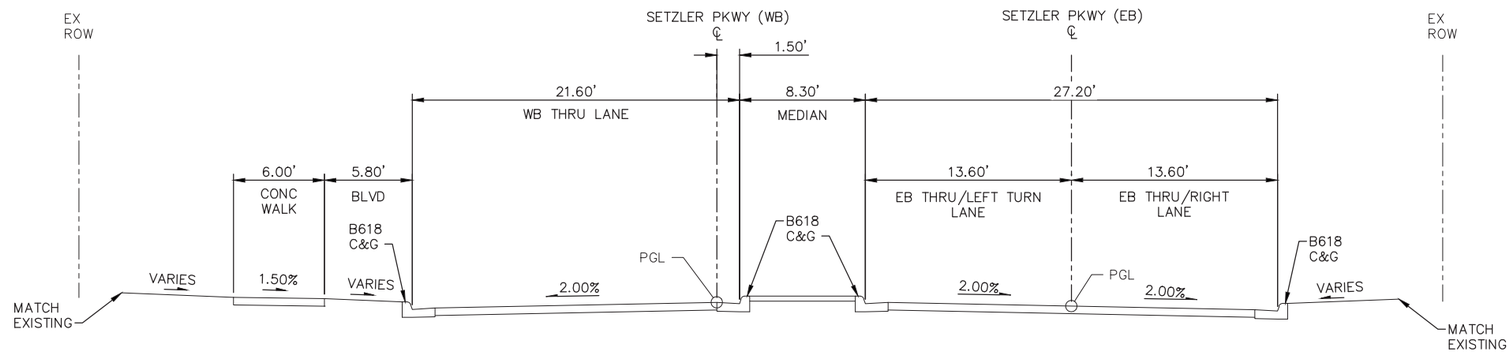
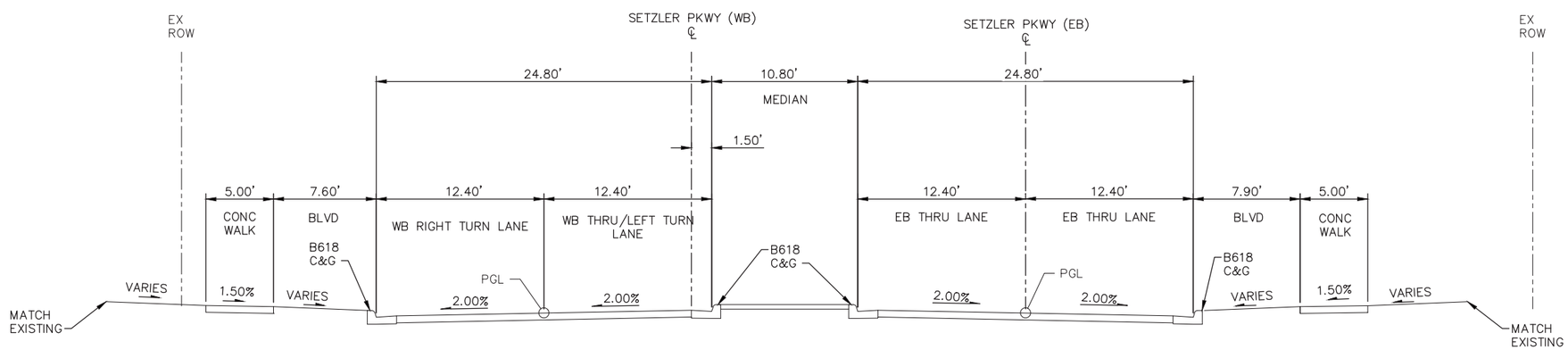
PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H.



TYPICAL SECTION - SETZLER PKWY (WEST)
STA 3+00 TO STA 3+98



TYPICAL SECTION - SETZLER PKWY (EAST)
STA 5+49 TO STA 6+34

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-22

SHEET 172 OF 266

Dec, 08 2015 02:20 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
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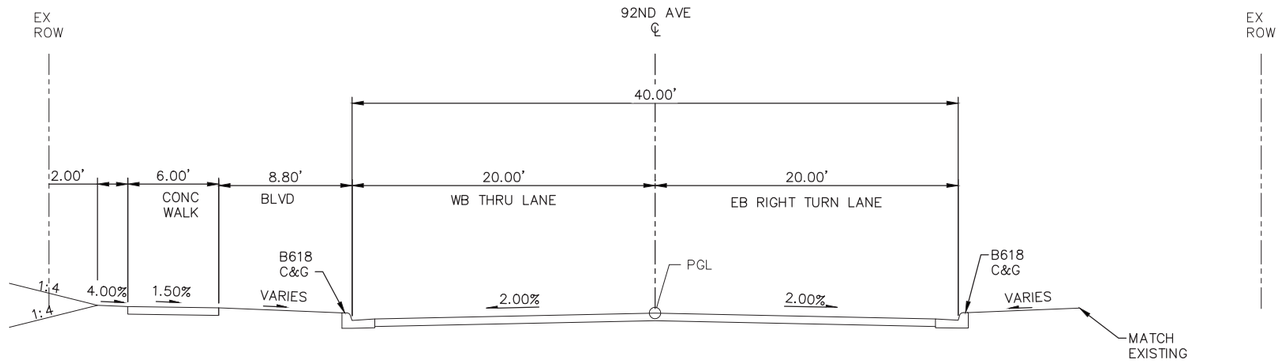
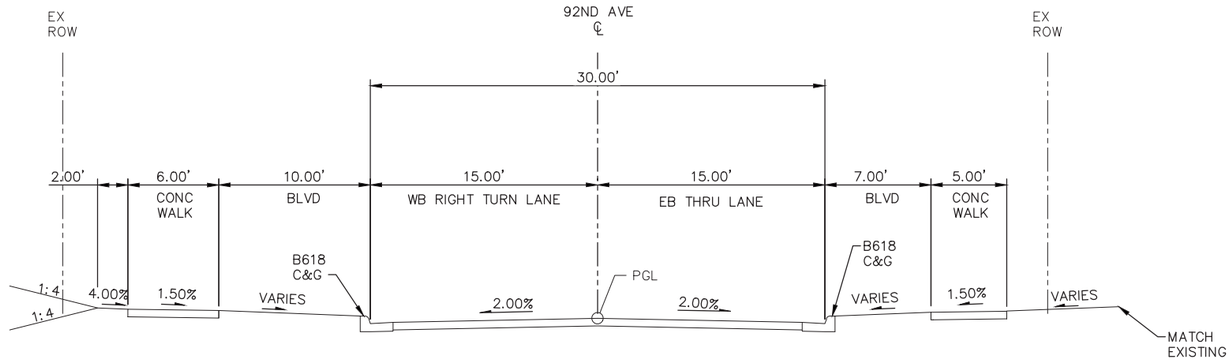
SLOPES LISTED ARE V:H.



TYPICAL SECTION - 92ND AVE (WEST)
STA 1+86 TO STA 2+15



TYPICAL SECTION - 92ND AVE (EAST)
STA 3+82 TO STA 4+00

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-23

SHEET 173 OF 266

Dec, 08 2015 02:20 pm H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
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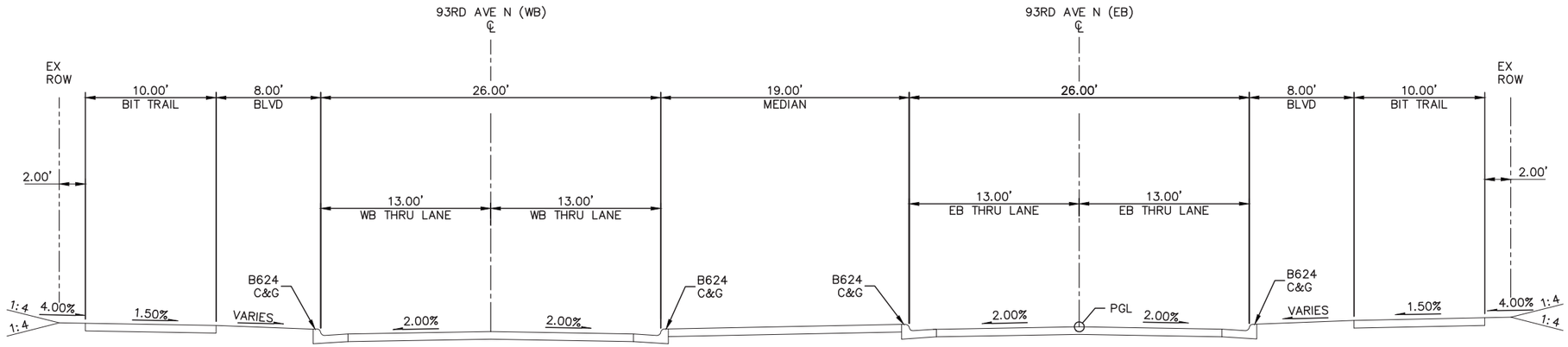
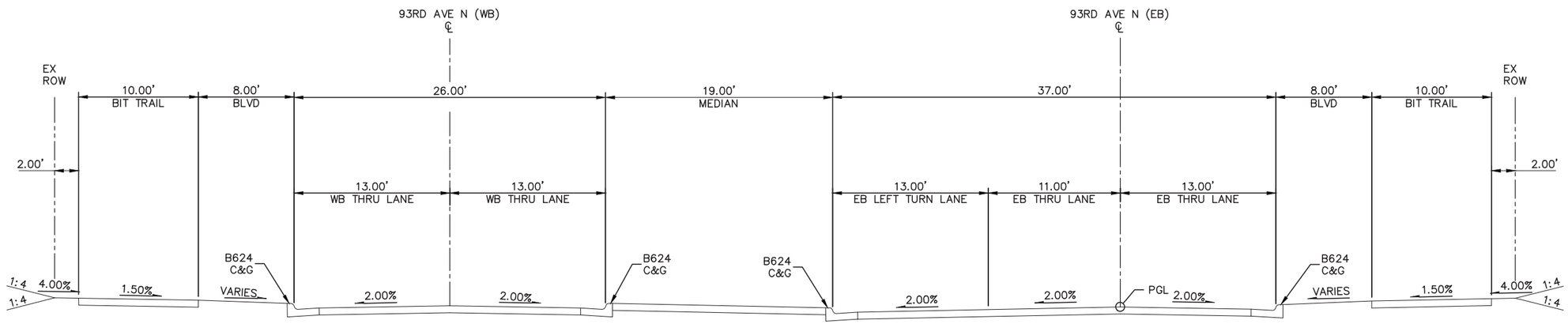


TYPICAL SECTION 93RD AVE N (CSAH30) (WEST)

STA. 251+73 - STA. 252+60
STA. 261+78 - STA. 263+87



TYPICAL SECTION - 93RD AVE N (CSAH 30) (WEST)

STA. 253+70 - STA. 256+70
STA. 266+45 - STA. 269+36

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-24

SHEET 174 OF 266

Dec, 08 2015 02:20 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

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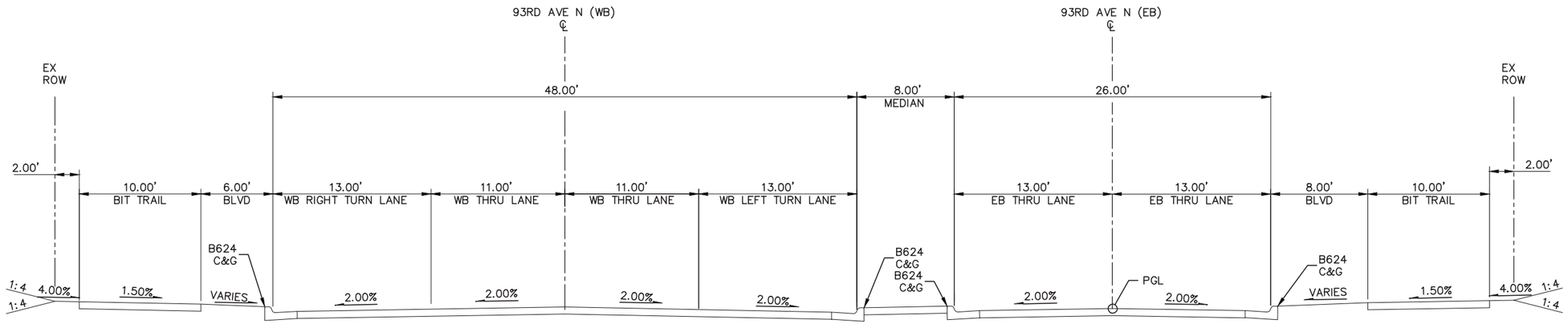
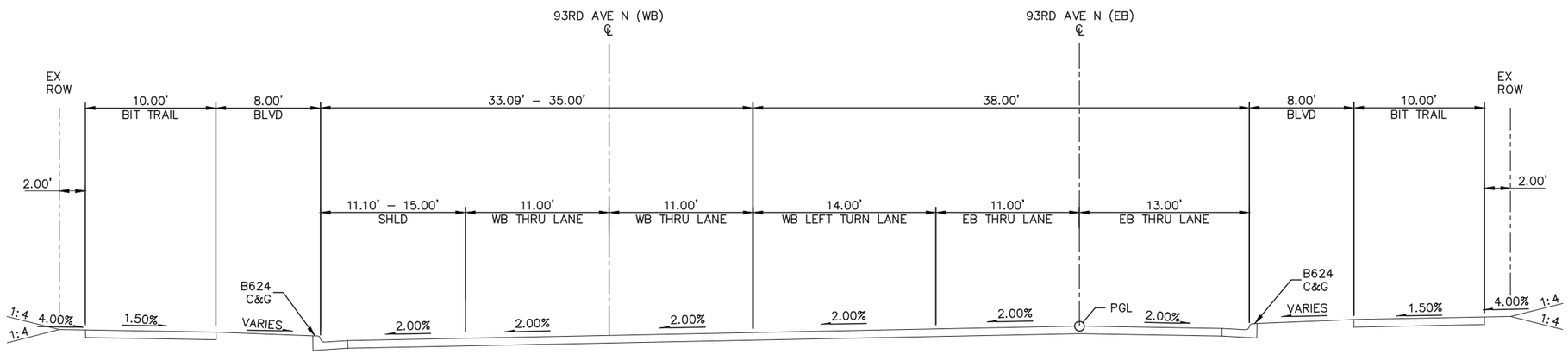
PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H.



TYPICAL SECTION - 93RD AVE N (CSAH 30) (WEST)

STA. 257+68 - STA. 260+69



TYPICAL SECTION - 93RD AVE N (CSAH 30) (EAST)

STA. 278+78 - STA. 282+86

0 2.5 5 10

SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-25

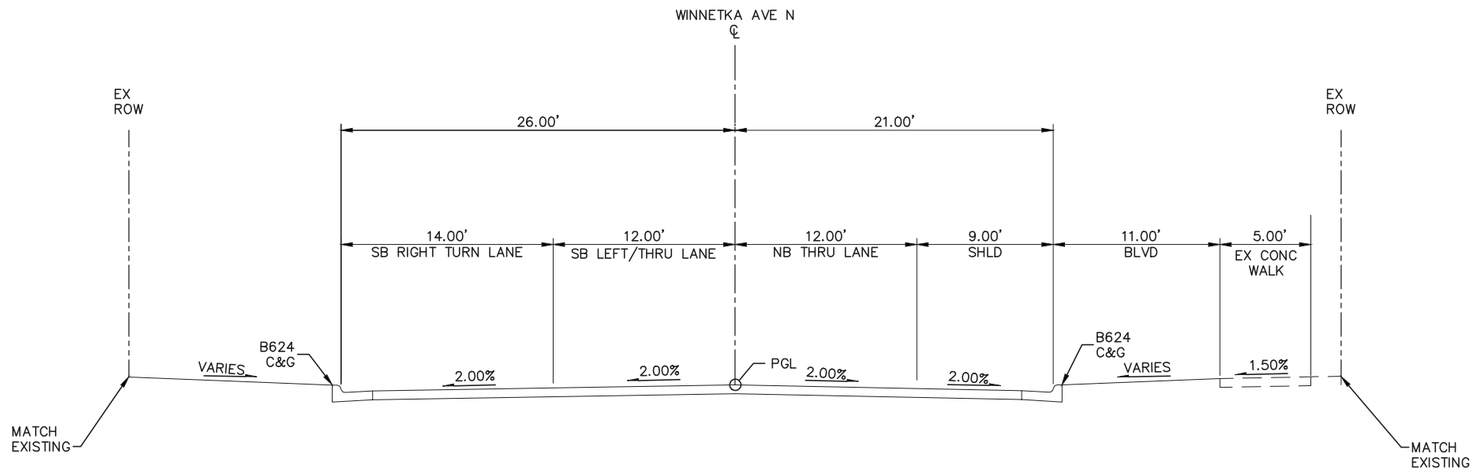
SHEET 175 OF 266

Dec, 08 2015 02:20 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA:500+00 TO STA:597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY

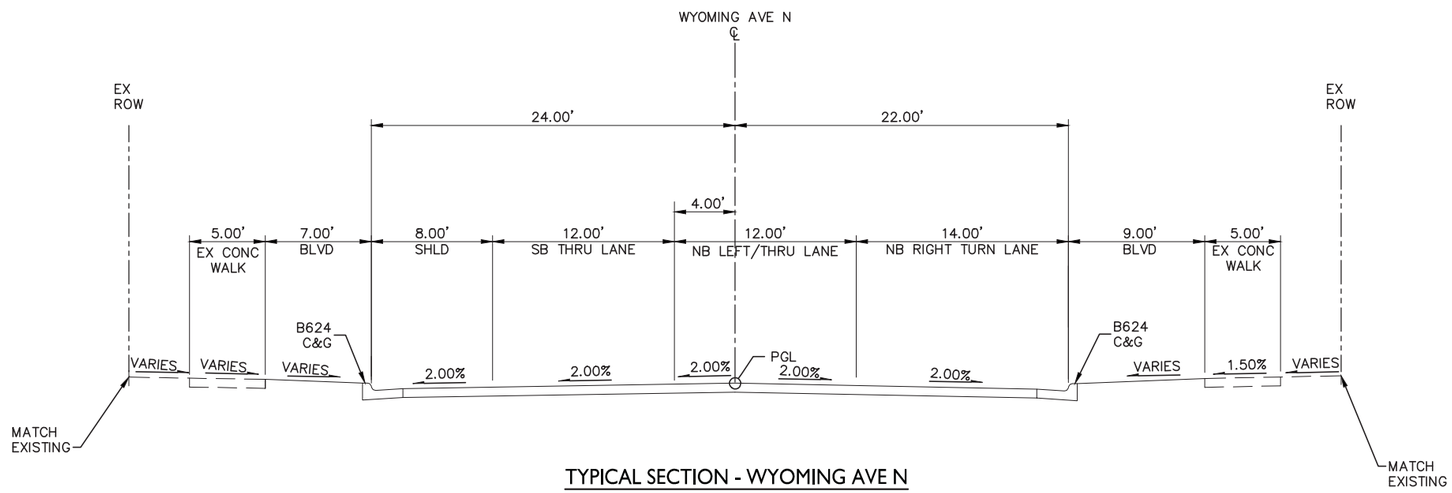
PROPOSED RIGHT-OF-WAY NOT DETERMINED

SLOPES LISTED ARE V:H.



TYPICAL SECTION - WINNETKA AVE N

STA. 503+73 - STA. 507+49



TYPICAL SECTION - WYOMING AVE N

STA. 500+00 - STA. 502+33

0 2.5 5 10

SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-26

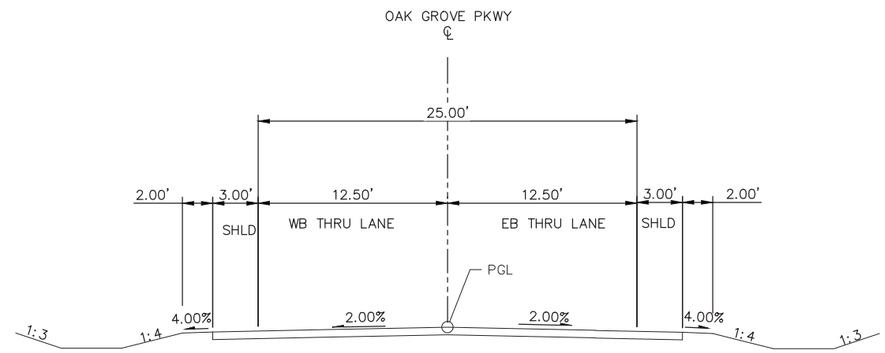
SHEET 176 OF 266

Dec, 08 2015 02:20 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

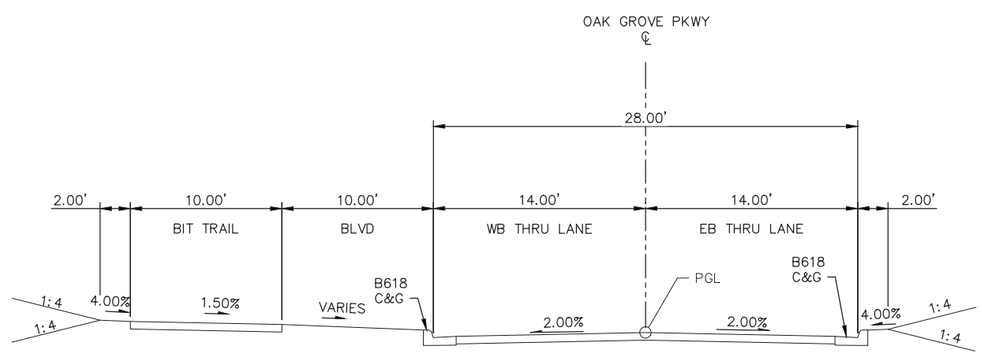
NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - OAK GROVE PKWY
STA 10+23 TO STA 14+76



TYPICAL SECTION - OAK GROVE PKWY
STA 15+92 TO STA 32+22

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-27

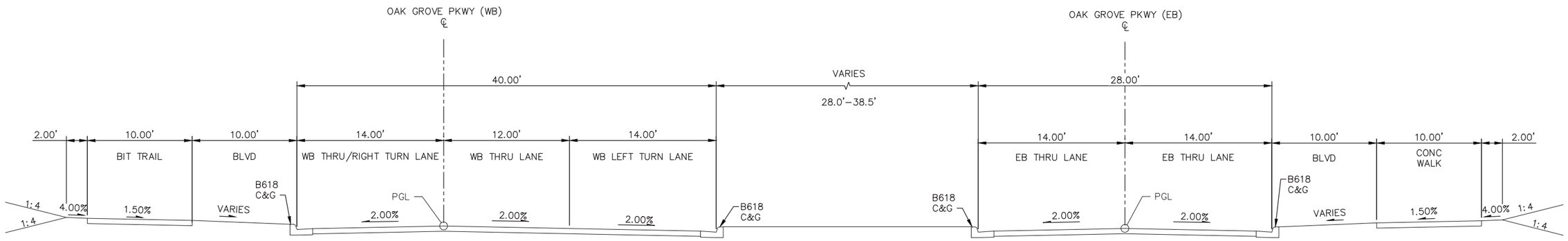
SHEET 177 OF 266

Dec, 08 2015 02:20 pm H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - OAK GROVE PKWY
STA 44+18 TO STA 46+30

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT
METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-TYP-28

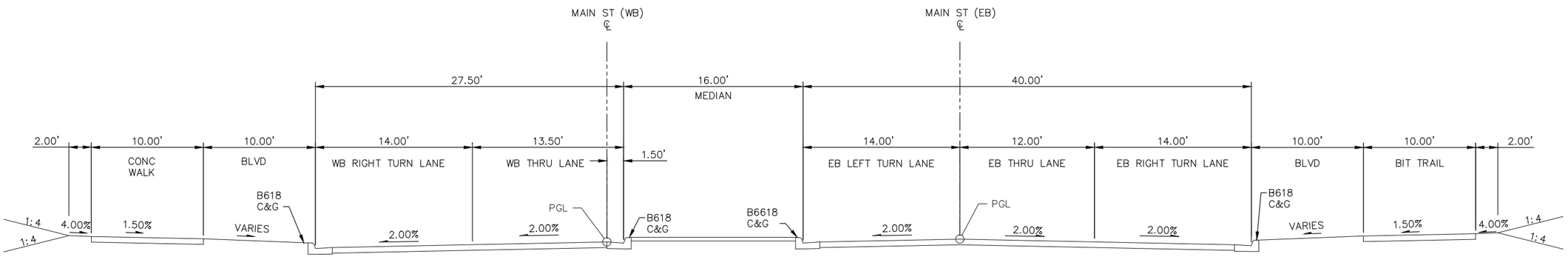
SHEET 178 OF 266

Dec, 08 2015 02:20 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - MAIN ST
STA 46+58 TO STA 47+30

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BottineauLRT

METROPOLITAN COUNCIL

SEGMENT BP
CIVIL
TYPICAL SECTIONS

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-TYP-29

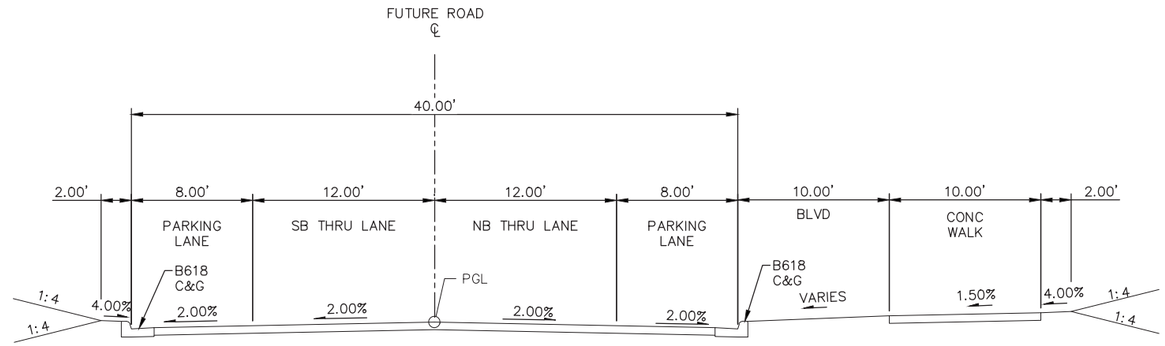
SHEET 179 OF 266

Dec, 08 2015 02:20 pm H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley

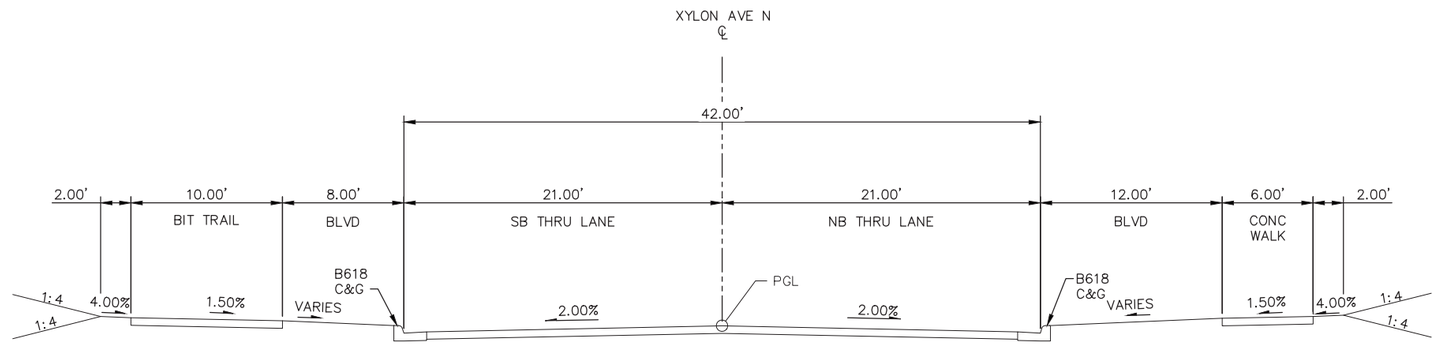
NOTE:

PROPOSED RIGHT-OF-WAY
NOT DETERMINED

SLOPES LISTED ARE V:H



TYPICAL SECTION - FUTURE ROAD
STA 1+61 TO STA 8+23



TYPICAL SECTION - XYLON AVE N
STA 3+83 TO STA 12+32

0 2.5 5 10
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BottineauLRT

METROPOLITAN COUNCIL

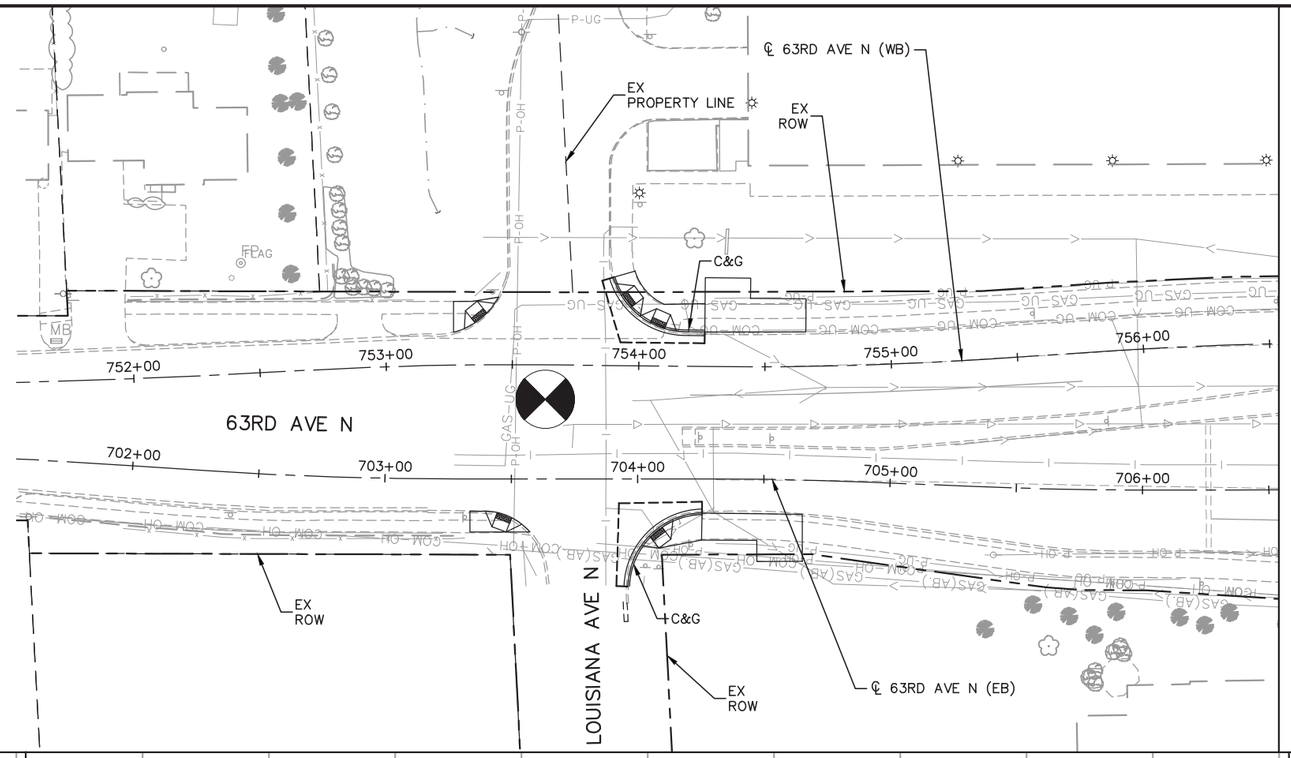
SEGMENT BP
CIVIL
TYPICAL SECTIONS

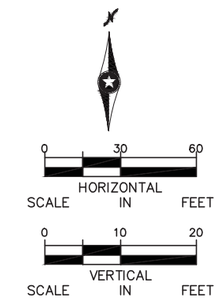
DISCIPLINE: CIVIL

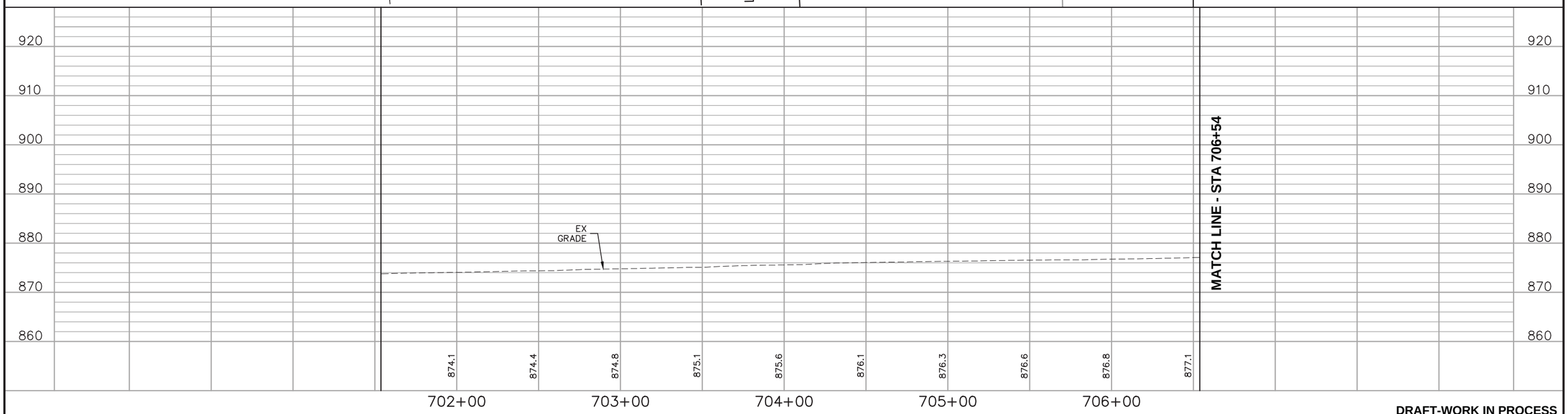
SHEET NAME: BP-CIV-TYP-30

SHEET 180 OF 266

Dec, 08 2015 02:20 pm H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP-CIV-TYP.dwg By: gstanley







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension — Bottineau LRT

Metropolitan Council

SEGMENT BP
63RD AVE N
PLAN AND PROFILE
STA 701+54 TO STA 706+54

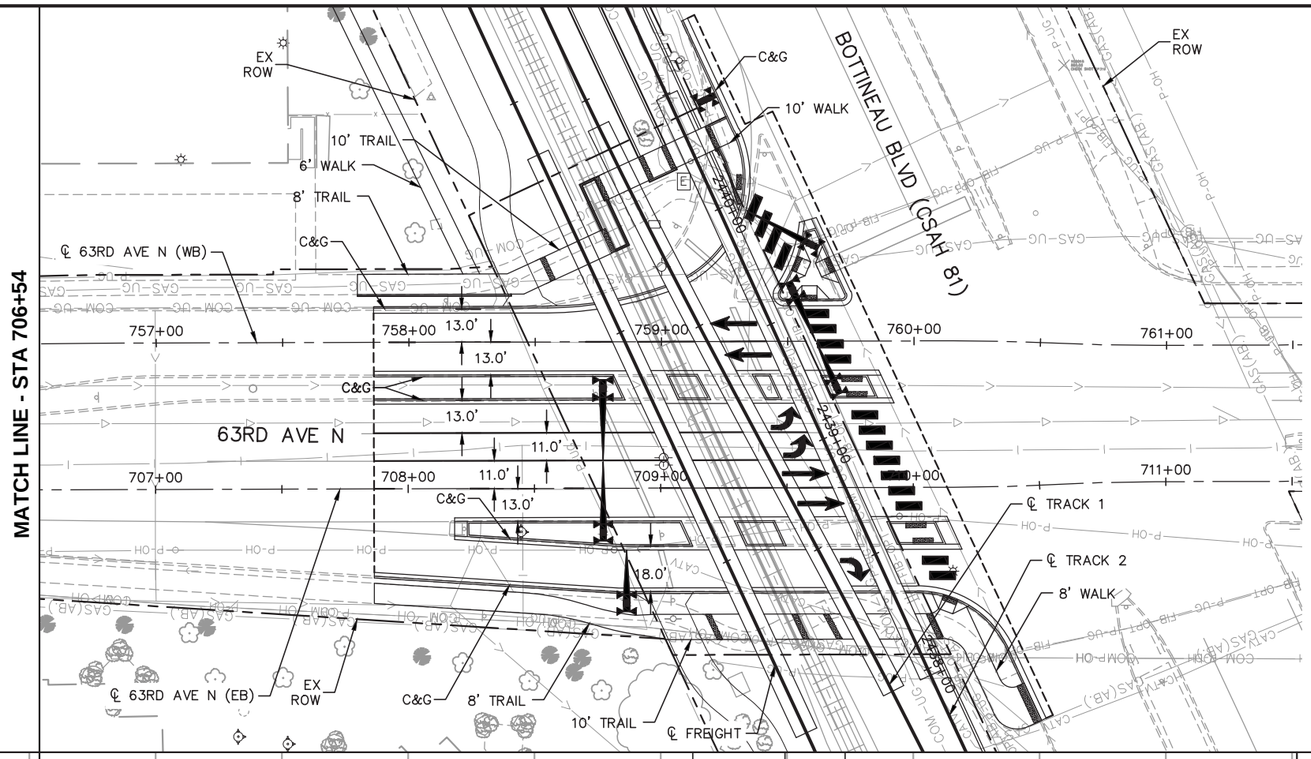
DISCIPLINE: CIVIL

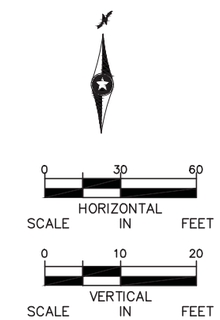
SHEET NAME: BP-CIV-PPFL-001

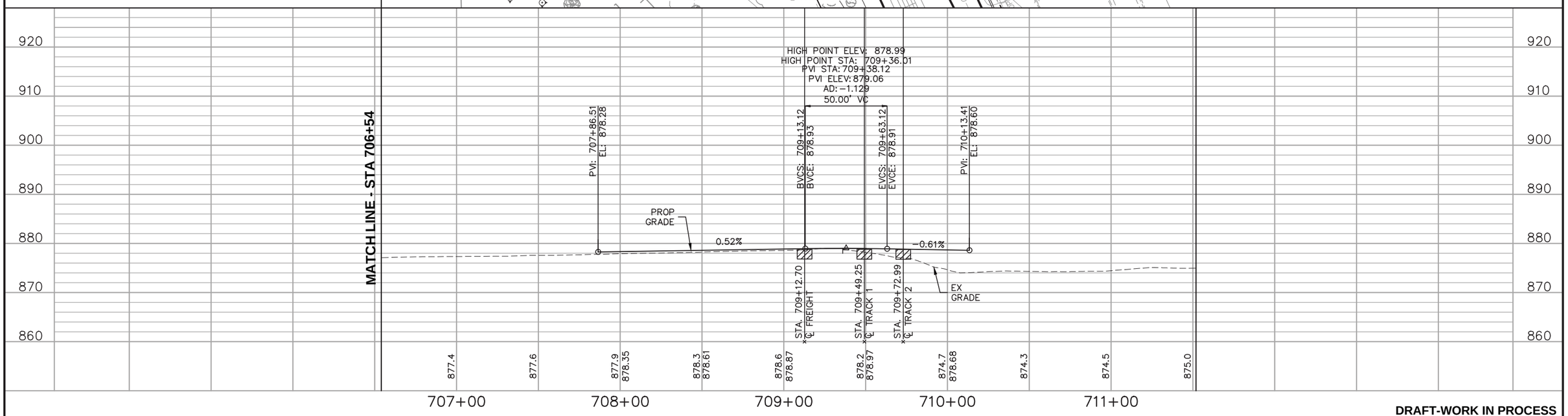
SHEET 181 OF 266

Dec, 08 2015 01:39 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: gstanley

EXISTING LINEWORK REPRESENTS PROPOSED HENNEPIN COUNTY PROJECT #0203







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
63RD AVE N
PLAN AND PROFILE
STA 706+54 TO STA 711+54

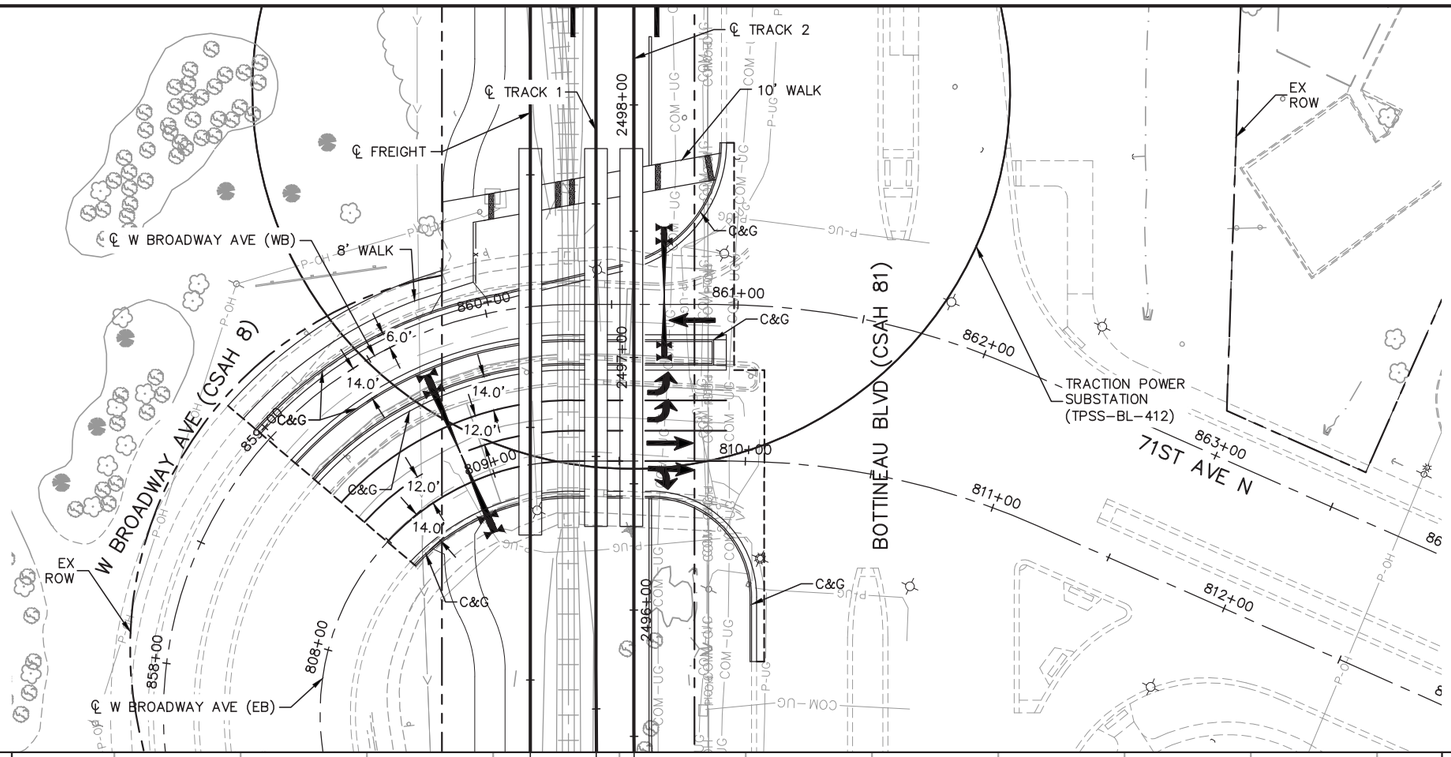
DISCIPLINE: CIVIL

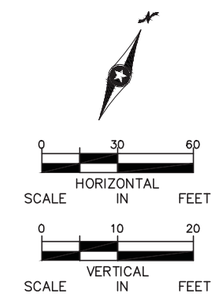
SHEET NAME: BP-CIV-PPFL-002

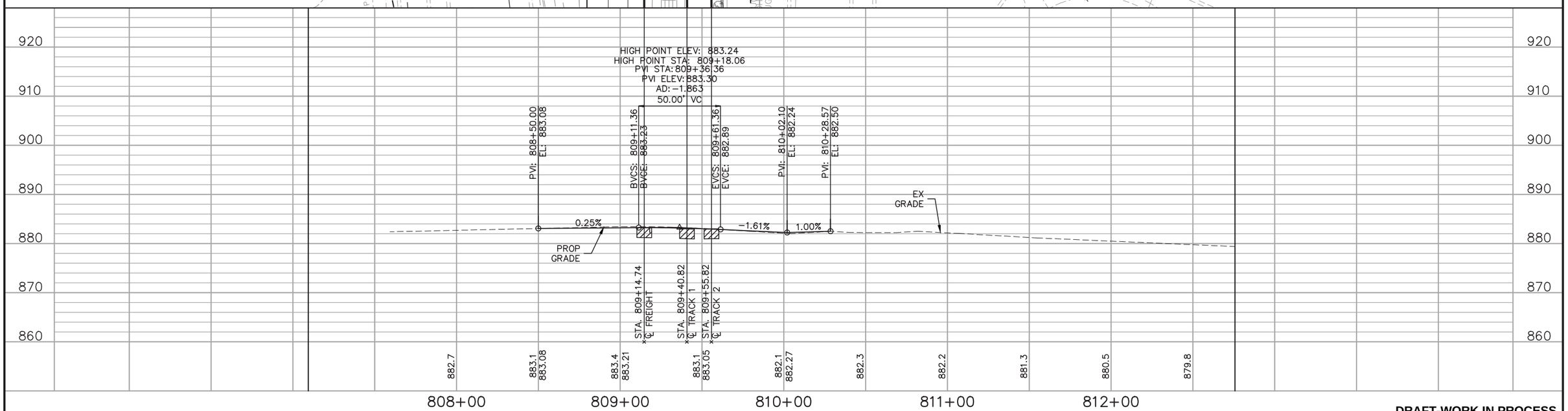
SHEET 182 OF 266

Dec, 08 2015 01:40 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: gstanley

COORDINATION WITH HENNEPIN COUNTY
PROJECT #0203







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

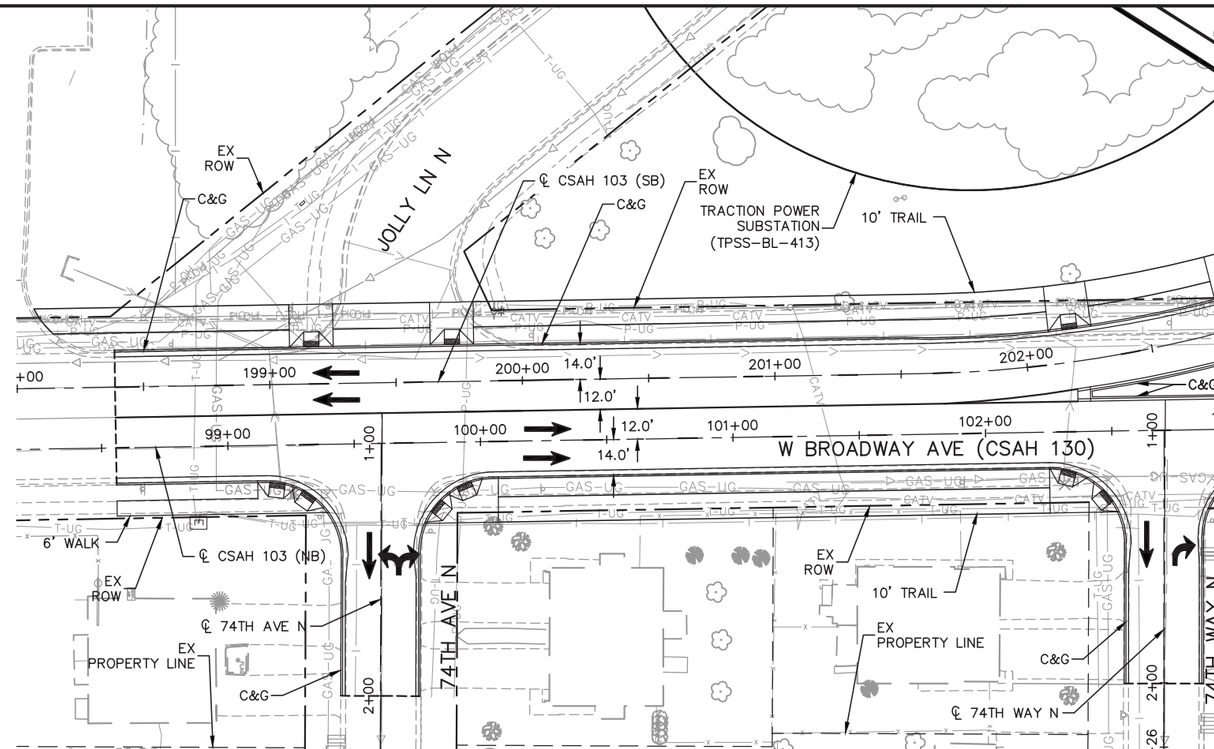
SEGMENT BP
W BROADWAY AVE (CSAH 8)
PLAN AND PROFILE
STA 807+59 TO STA 813+26

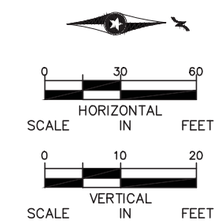
DISCIPLINE: CIVIL

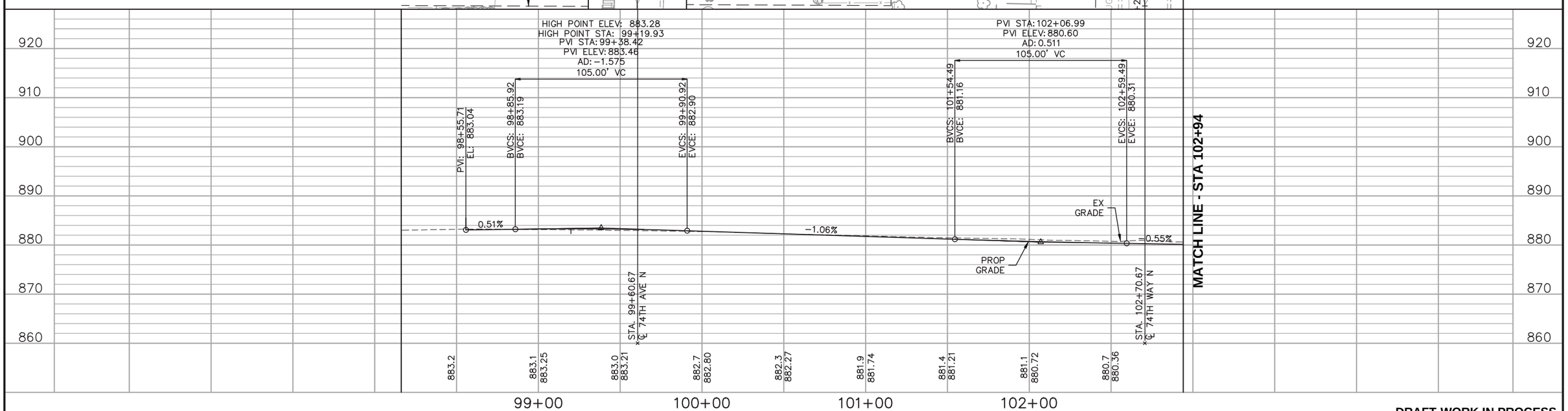
SHEET NAME: BP-CIV-PPFL-003

SHEET 183 OF 266

Dec. 08 2015 01:40 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: gstanley







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

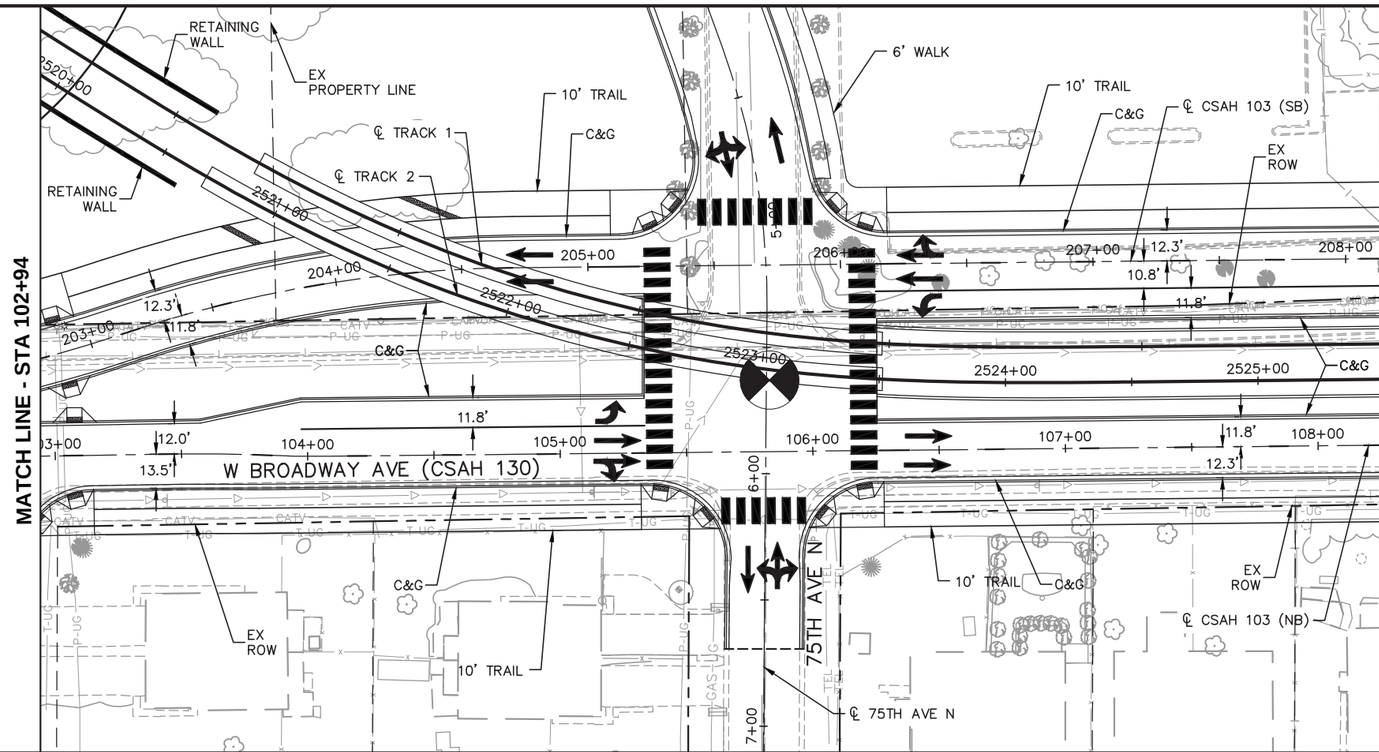
SEGMENT BP
W BROADWAY AVE (CSAH 130)
PLAN AND PROFILE
STA 98+16 TO STA 102+94

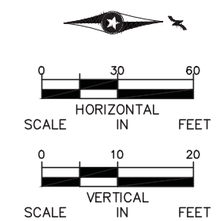
DISCIPLINE: CIVIL

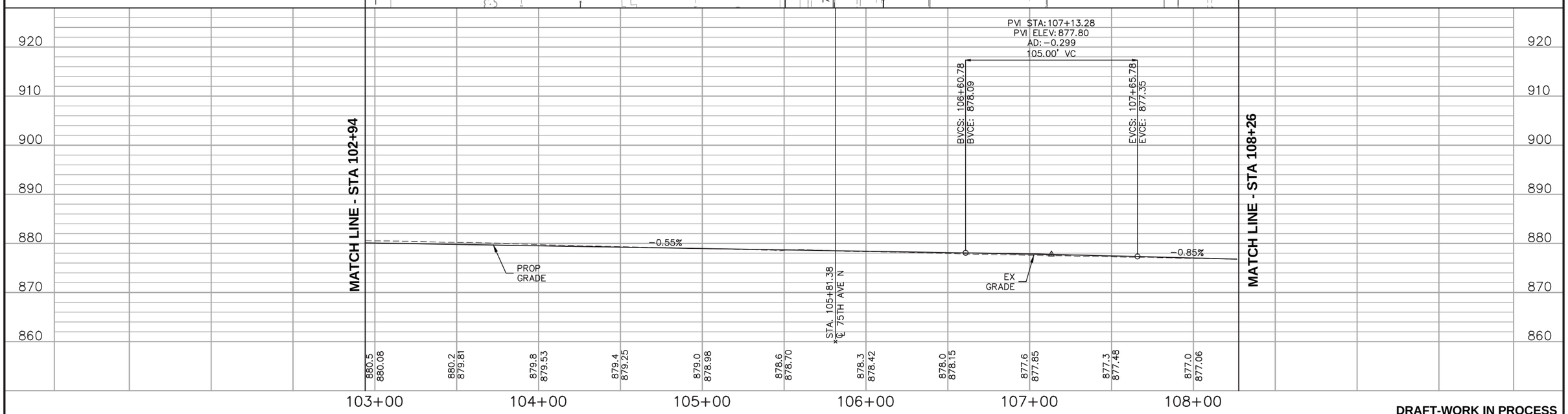
SHEET NAME: BP-CIV-PPFL-004

SHEET 184 OF 266

Dec, 08 2015 01:41 pm H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: gstanley







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

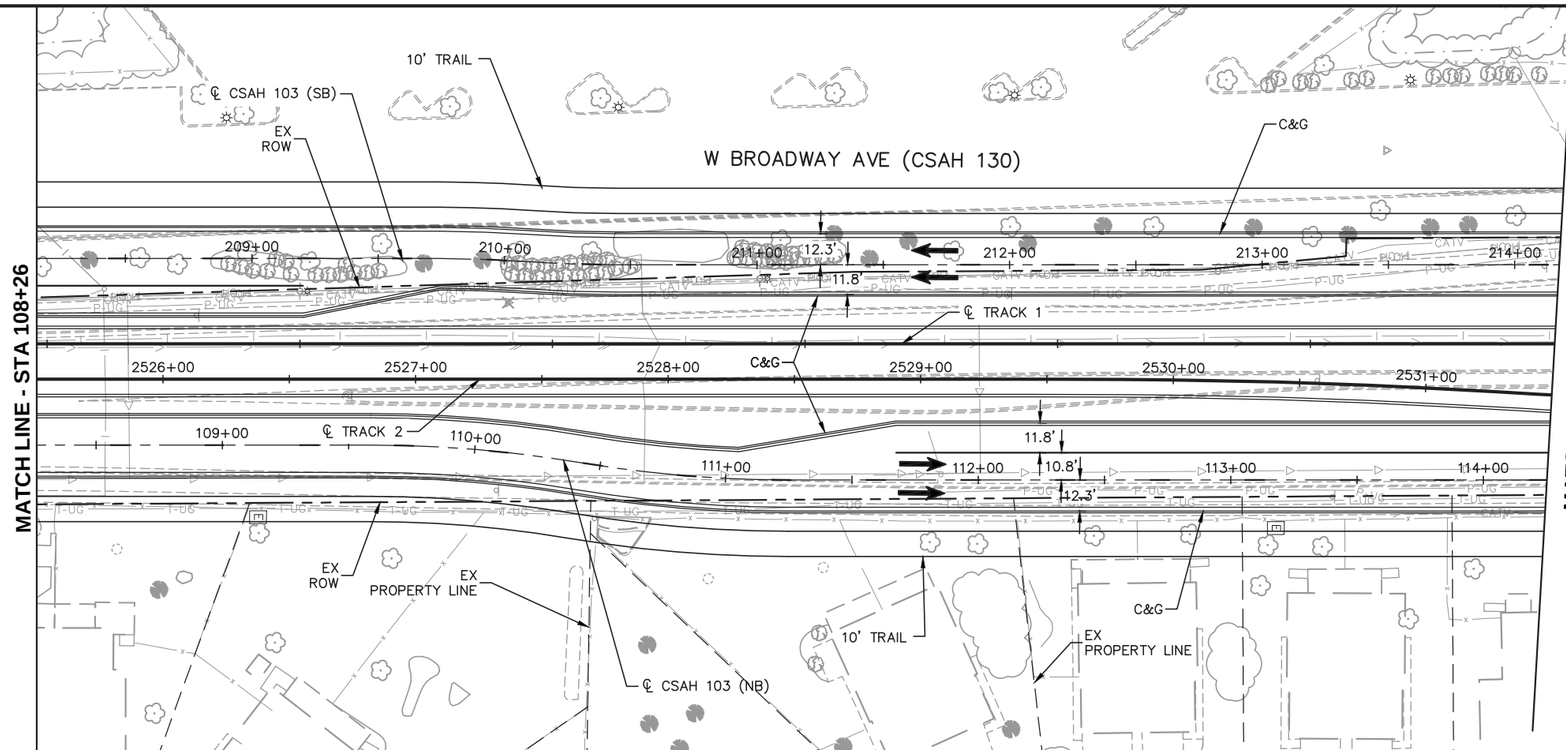
SEGMENT BP
W BROADWAY AVE (CSAH 130)
PLAN AND PROFILE
STA 102+94 TO STA 108+26

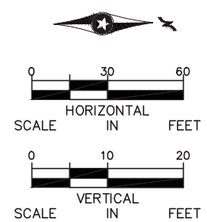
DISCIPLINE: CIVIL

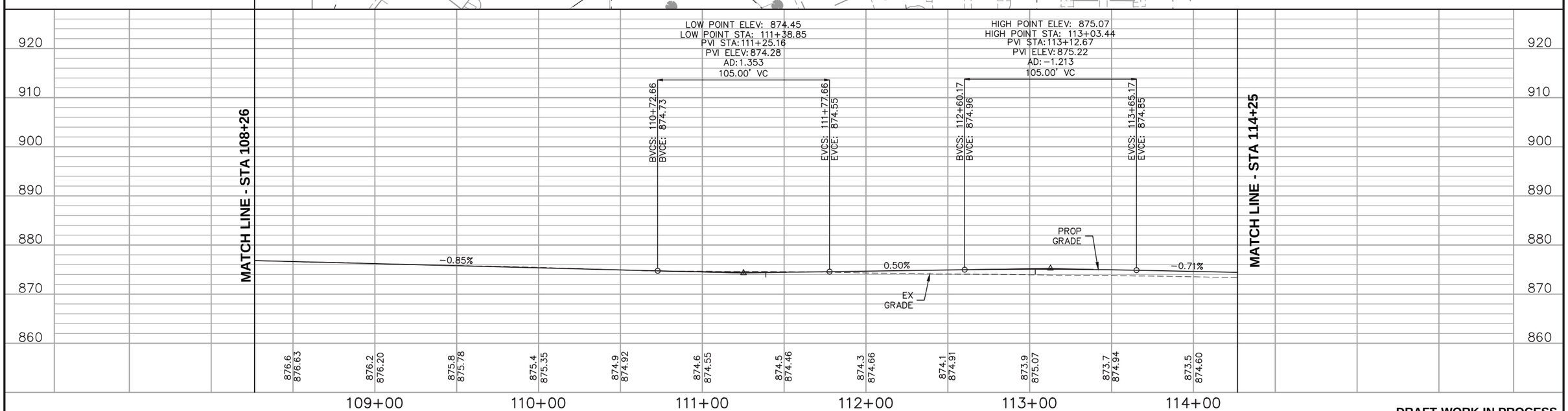
SHEET NAME: BP-CIV-PPFL-005

SHEET 185 OF 266

Dec, 08 2015 01:42 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: gstanley







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

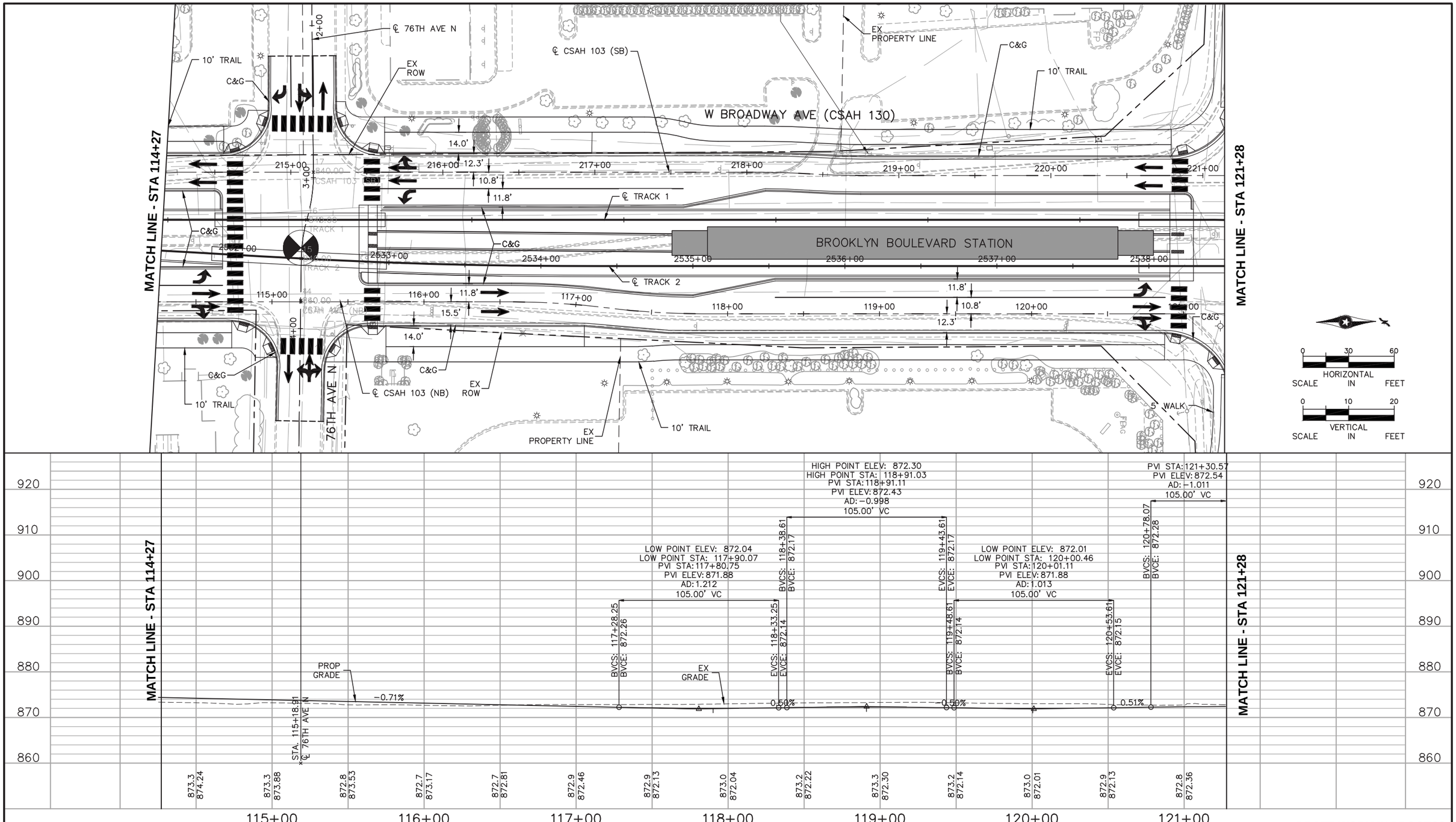
SEGMENT BP
W BROADWAY AVE (CSAH 130)
PLAN AND PROFILE
STA 108+26 TO STA 114+25

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-006

SHEET 186 OF 266

Dec, 08 2015 01:43 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: gstanley



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

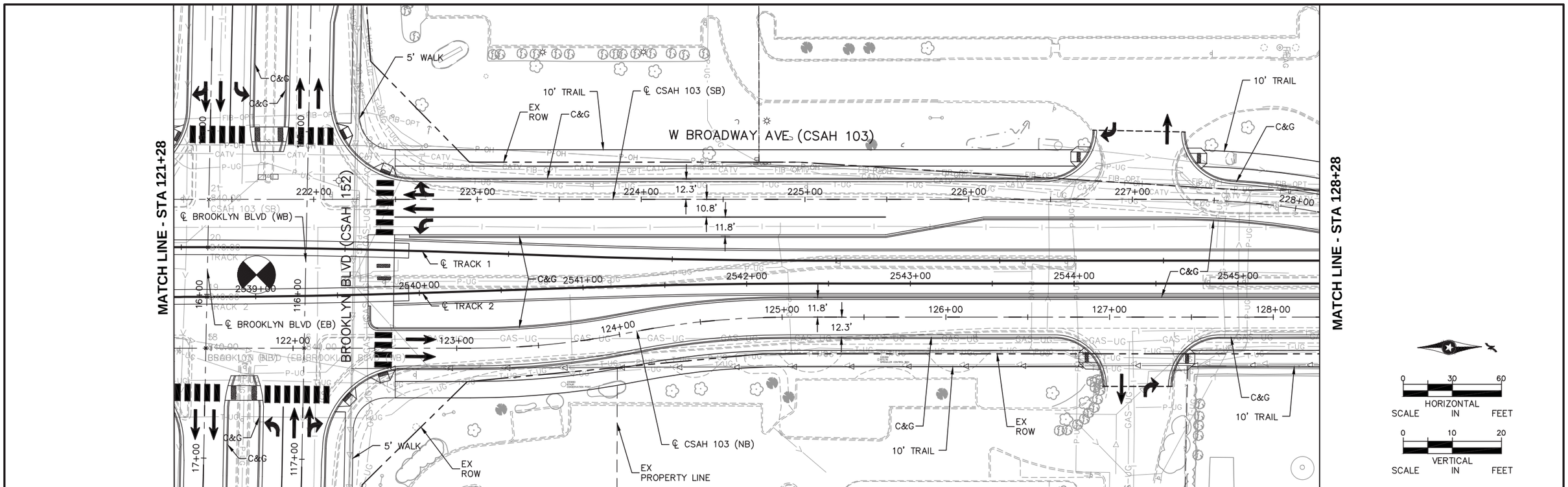
SEGMENT BP
W BROADWAY AVE (CSAH 130)
PLAN AND PROFILE
STA 114+27 TO STA 121+28

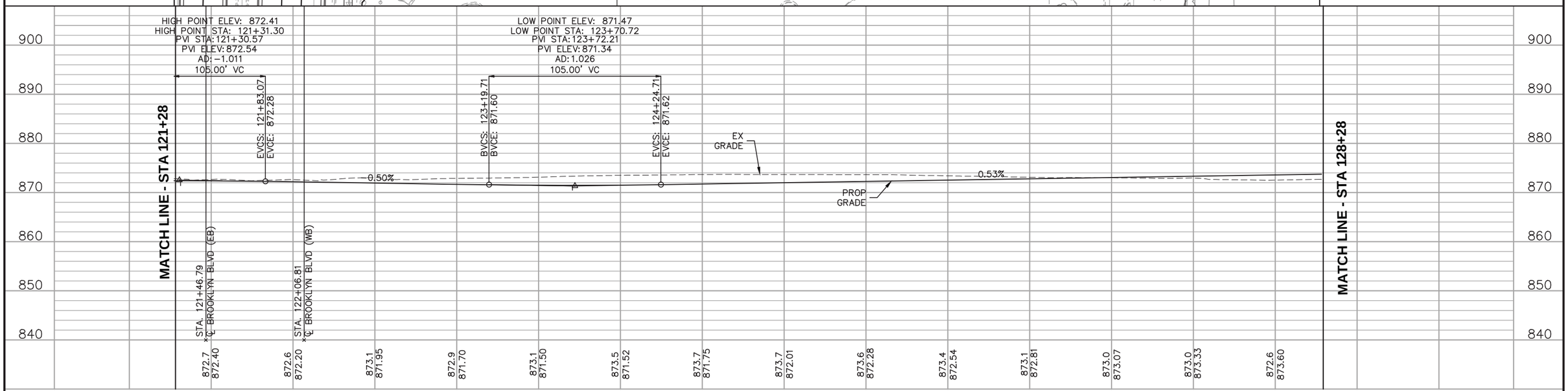
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-007

SHEET 187 OF 266

Dec. 08 2015 02:47 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: mhuynh





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

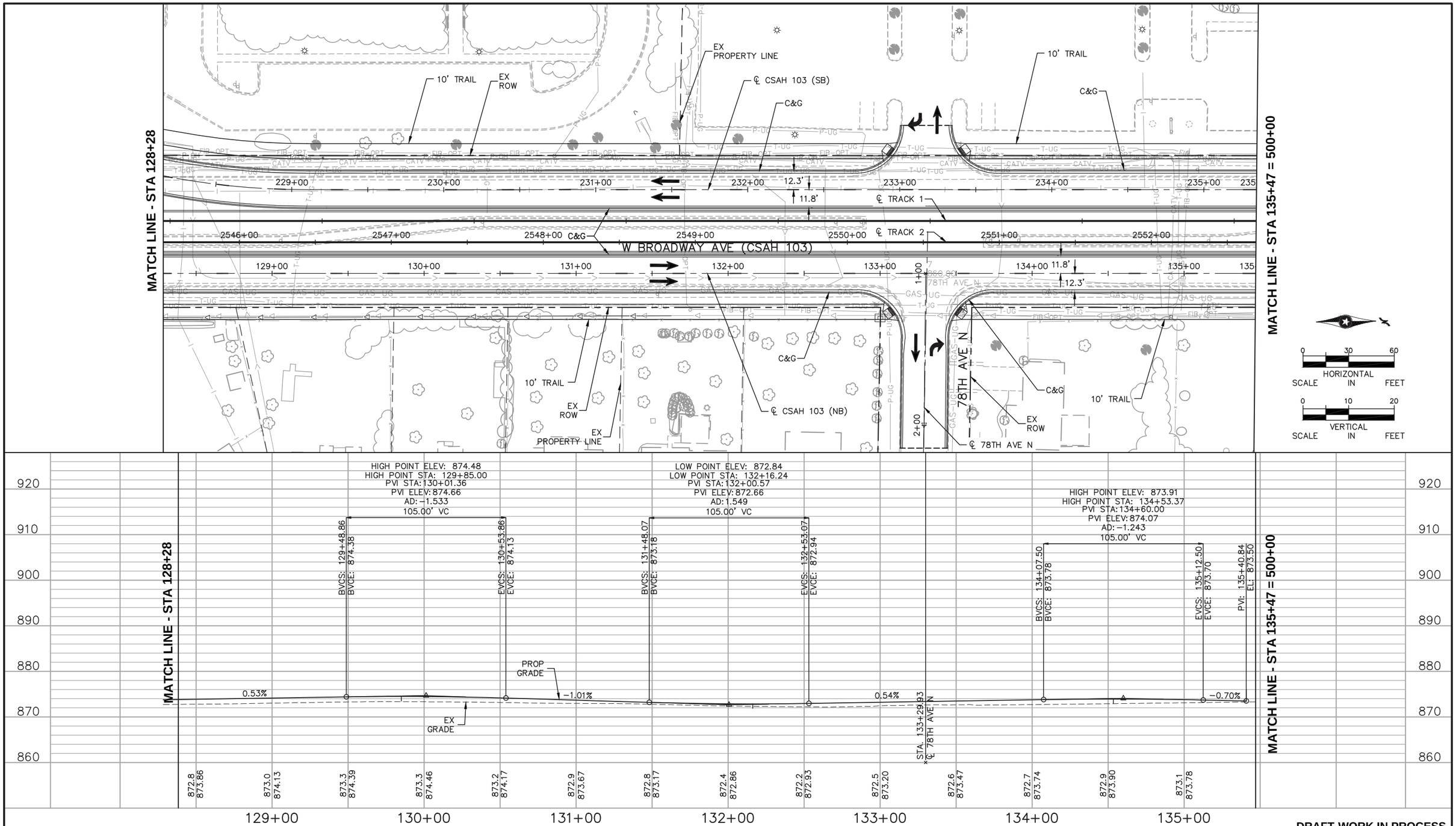
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 121+28 TO STA 128+28

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-008

SHEET 188 OF 266

Dec, 08 2015 01:45 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: gstanley



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 128+28 TO STA 135+47

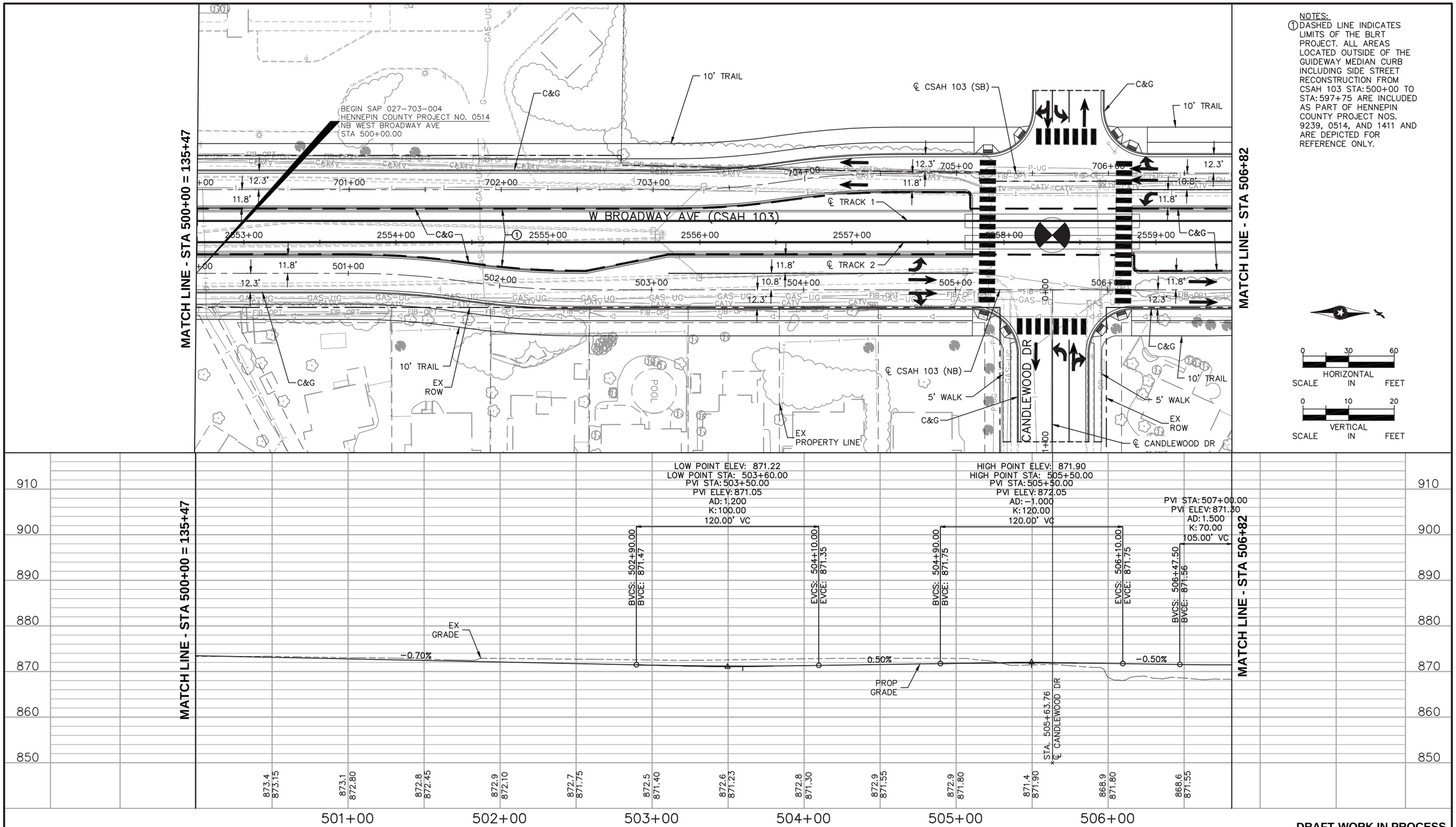
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-009

SHEET 189 OF 266

Dec, 08 2015 01:45 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: gstanley

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 500+00 TO 506+82

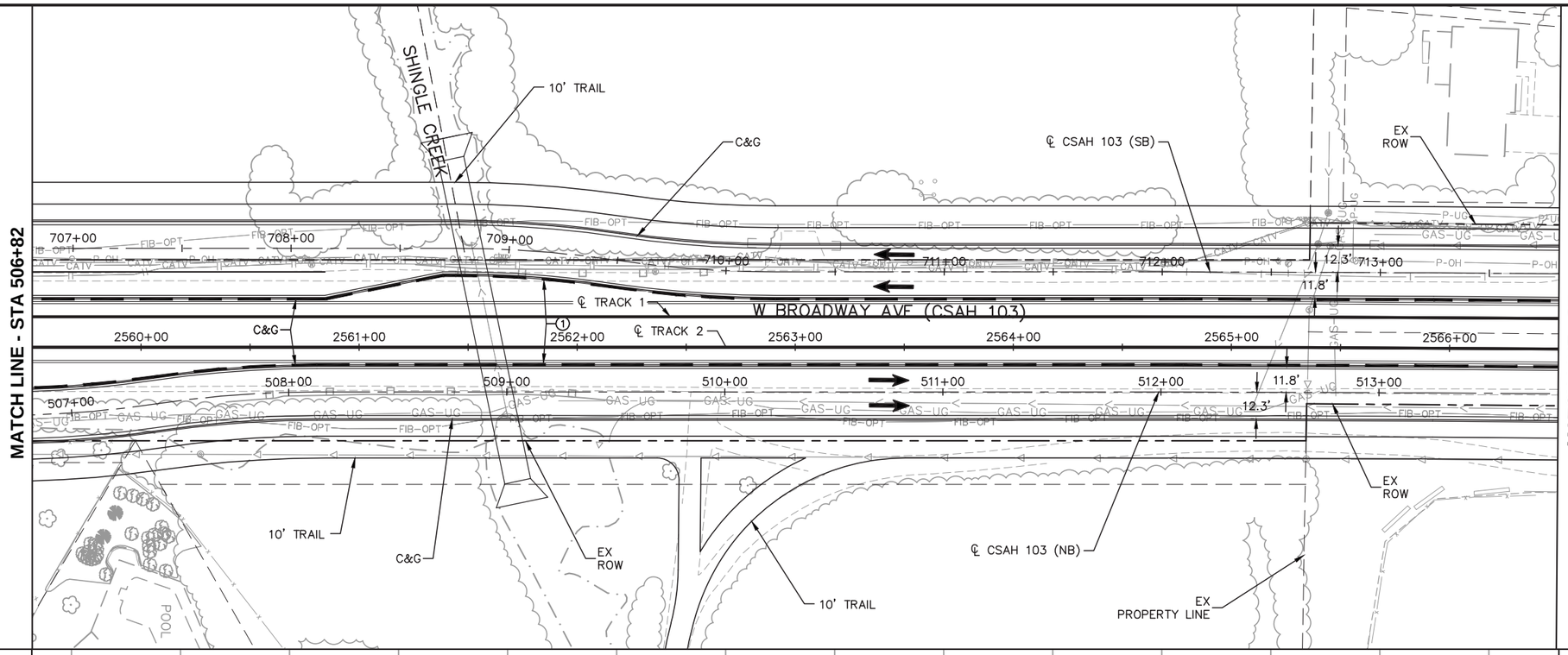
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-010

SHEET 190 OF 266

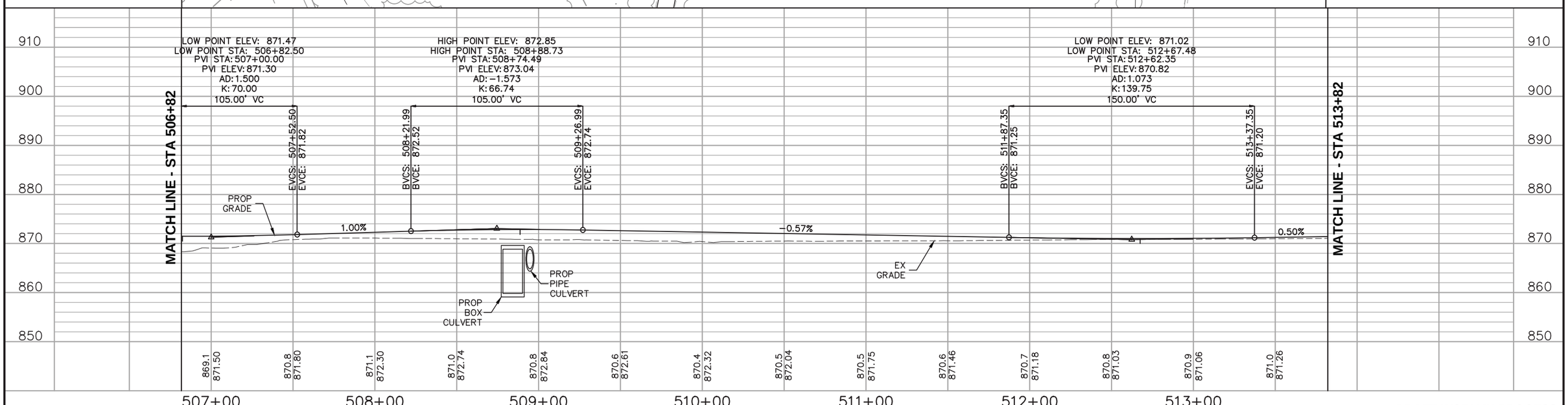
Dec, 07 2015 10:07 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



SCALE IN FEET HORIZONTAL: 0 30 60

SCALE IN FEET VERTICAL: 0 10 20



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

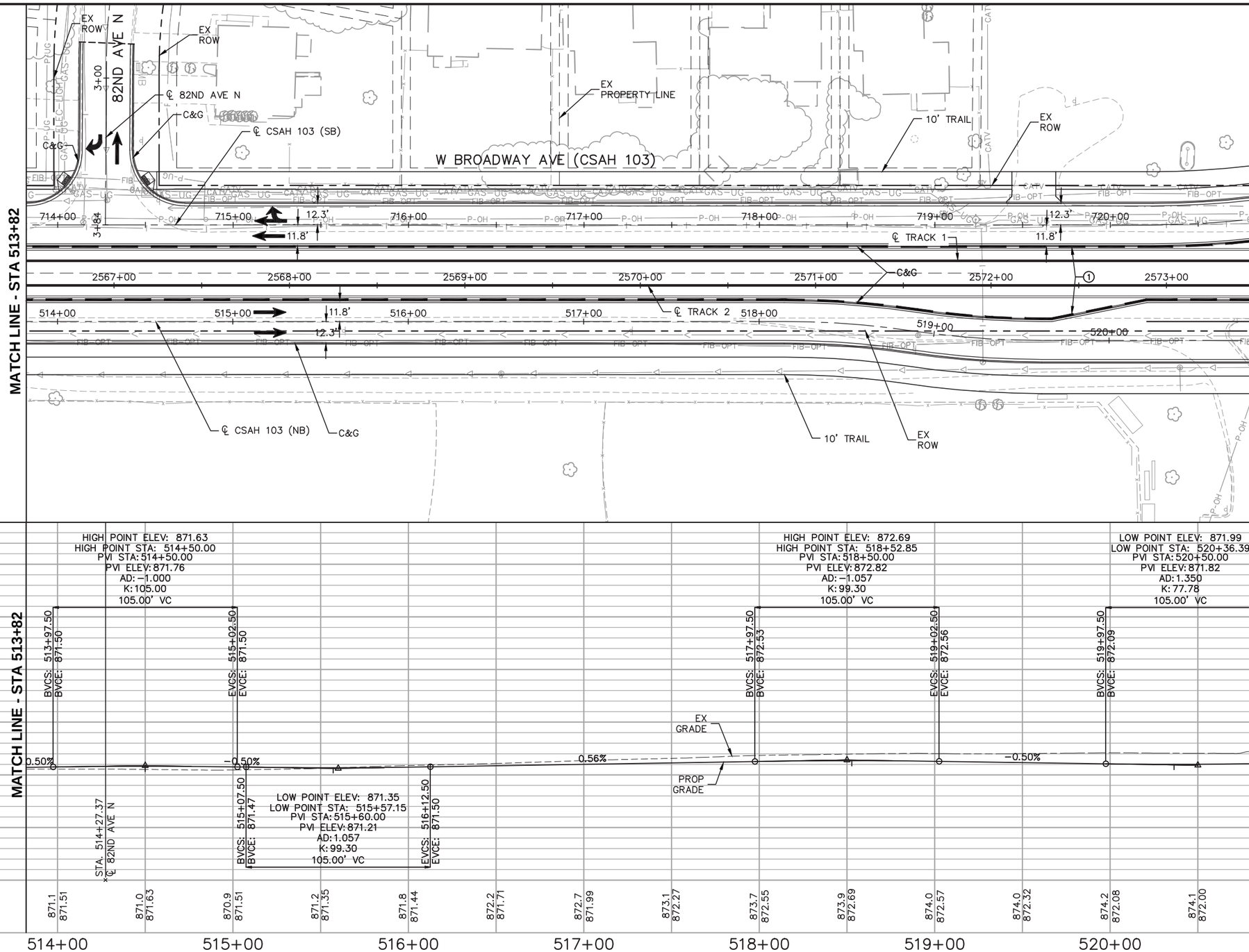
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 506+82 TO 513+82

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-011

SHEET 191 OF 266

Dec, 07 2015 10:08 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



NOTES:

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SCALE IN FEET — HORIZONTAL: 0 30 60

SCALE IN FEET — VERTICAL: 0 10 20

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension Bottineau LRT

Hennepin

Metropolitan Council

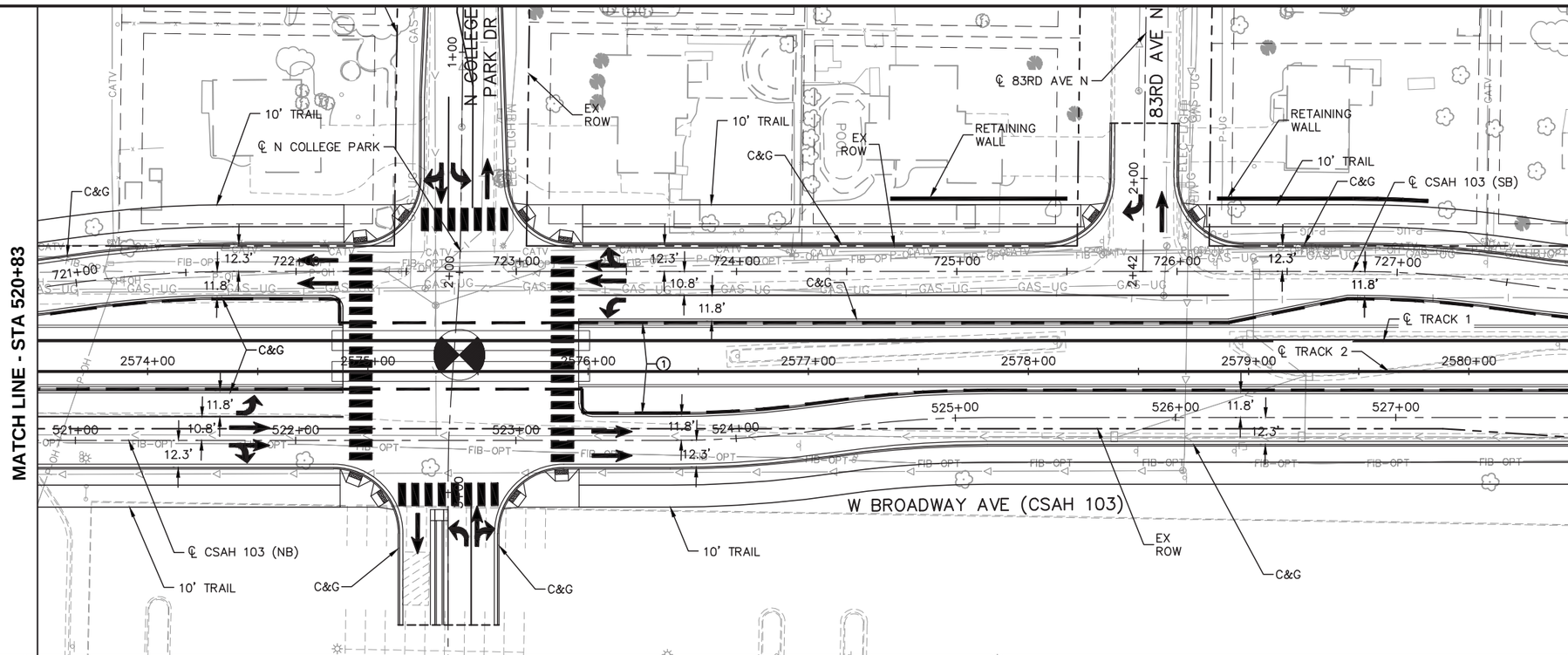
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 513+82 TO 520+83

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-012

SHEET 192 OF 266

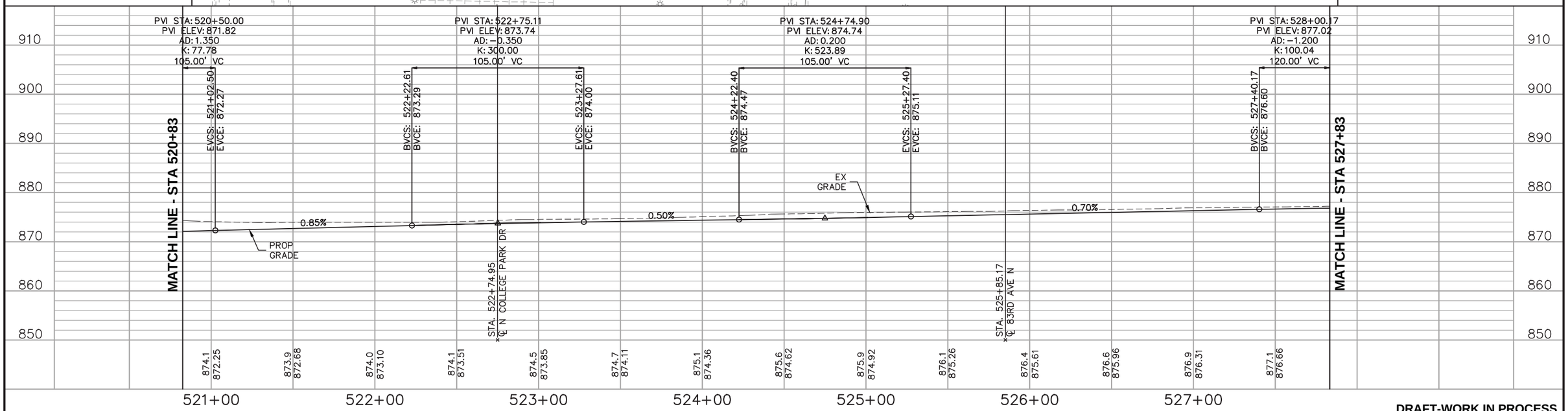
Dec, 07 2015 10:09 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

0 30 60
HORIZONTAL SCALE IN FEET

0 10 20
VERTICAL SCALE IN FEET



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension — Bottineau LRT

Hennepin

Metropolitan Council

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 520+83 TO 527+83

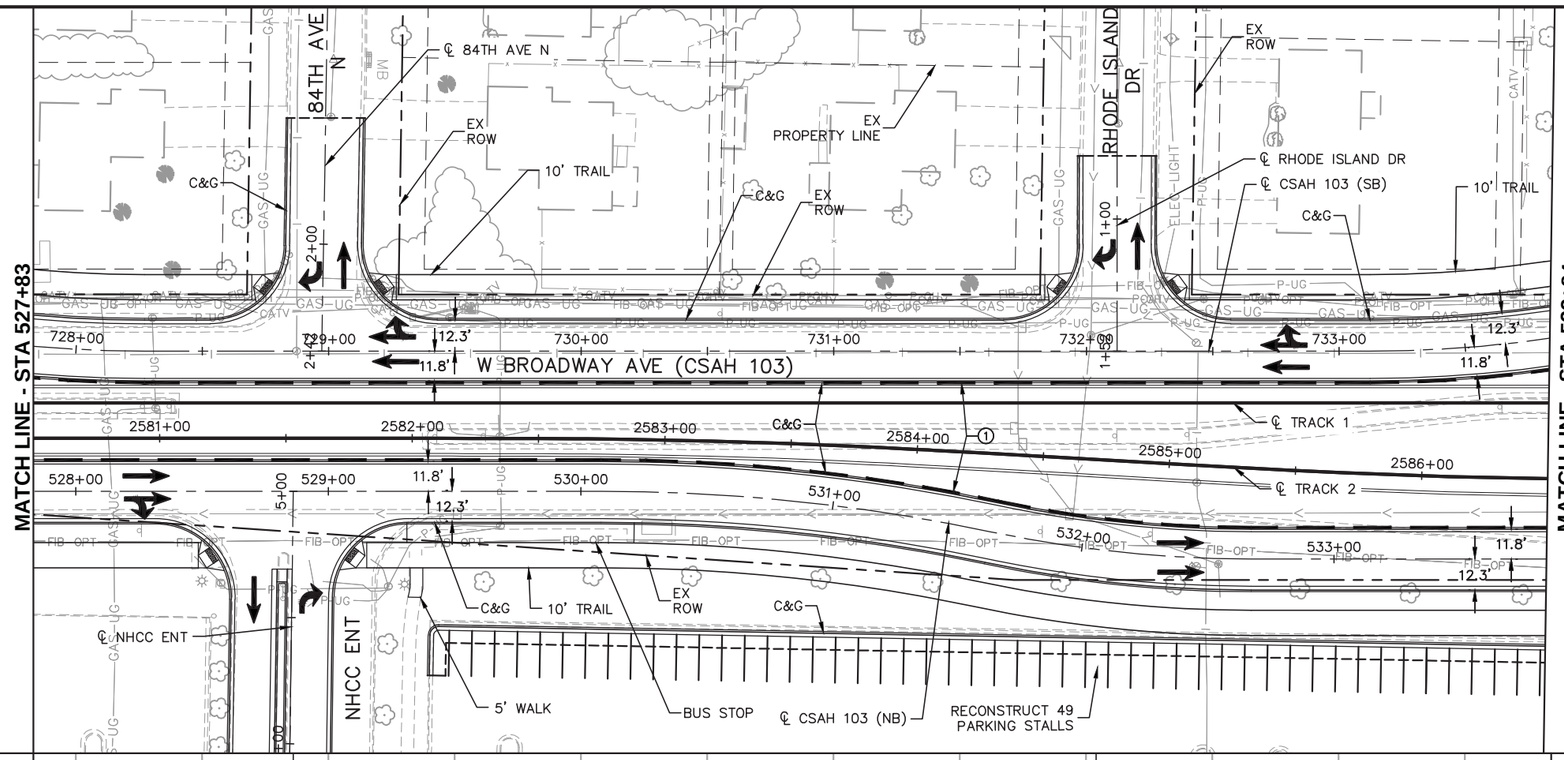
DISCIPLINE: CIVIL

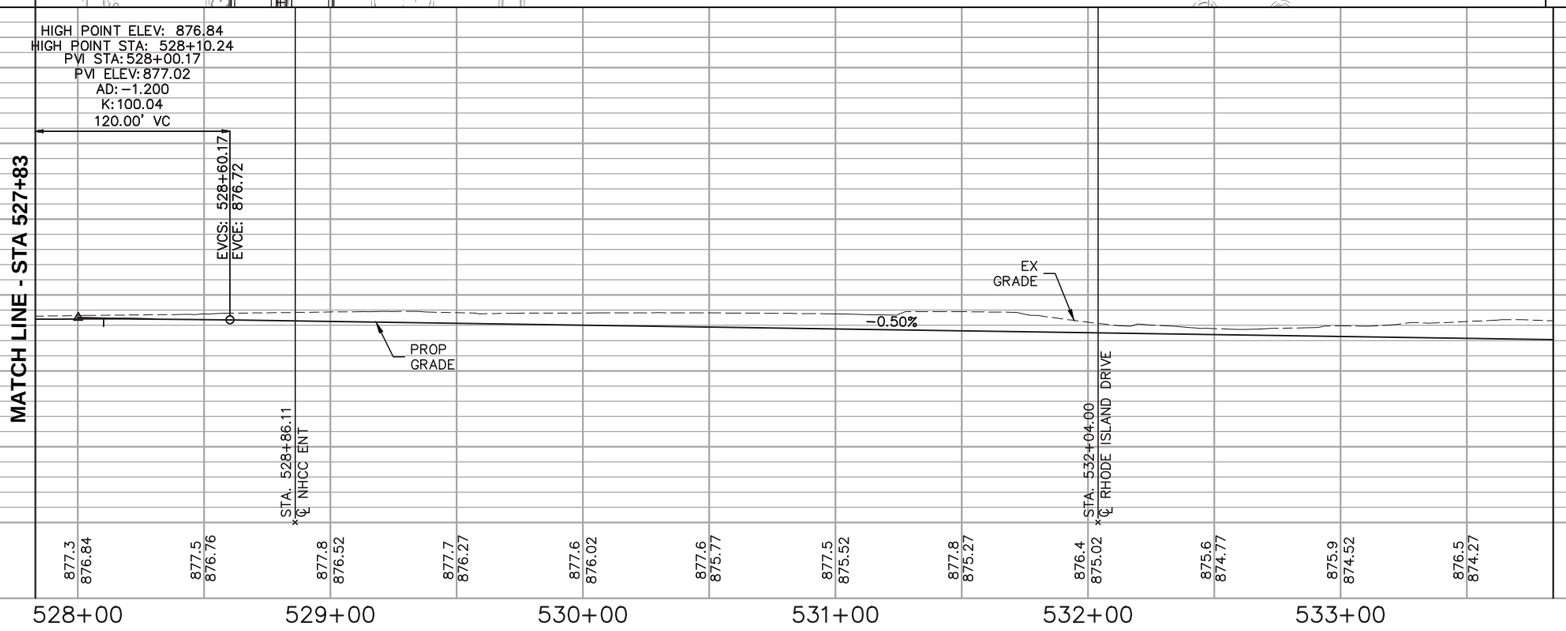
SHEET NAME: BP-CIV-PPFL-013

SHEET 193 OF 266

Dec, 07 2015 10:11 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





SCALE HORIZONTAL IN FEET: 0 30 60

SCALE VERTICAL IN FEET: 0 10 20

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension — Bottineau LRT

Hennepin

Metropolitan Council

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 527+83 TO 533+84

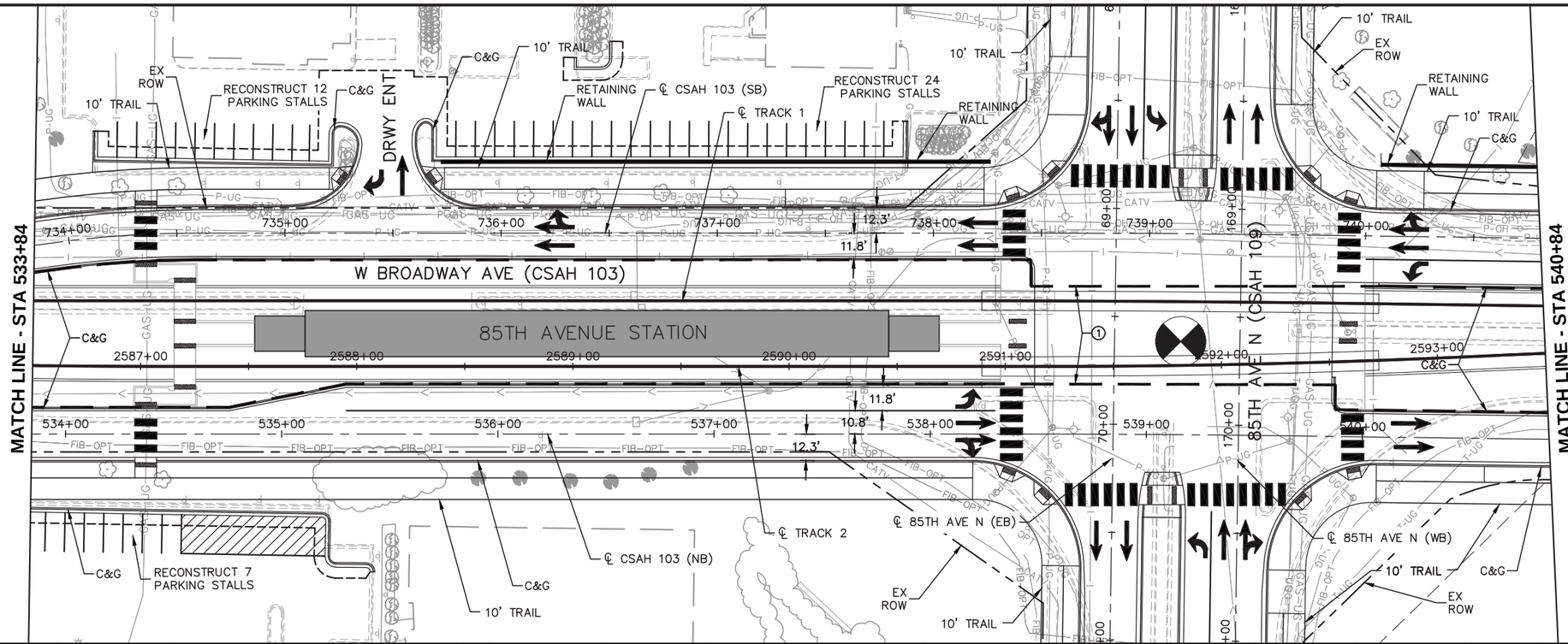
DISCIPLINE: CIVIL

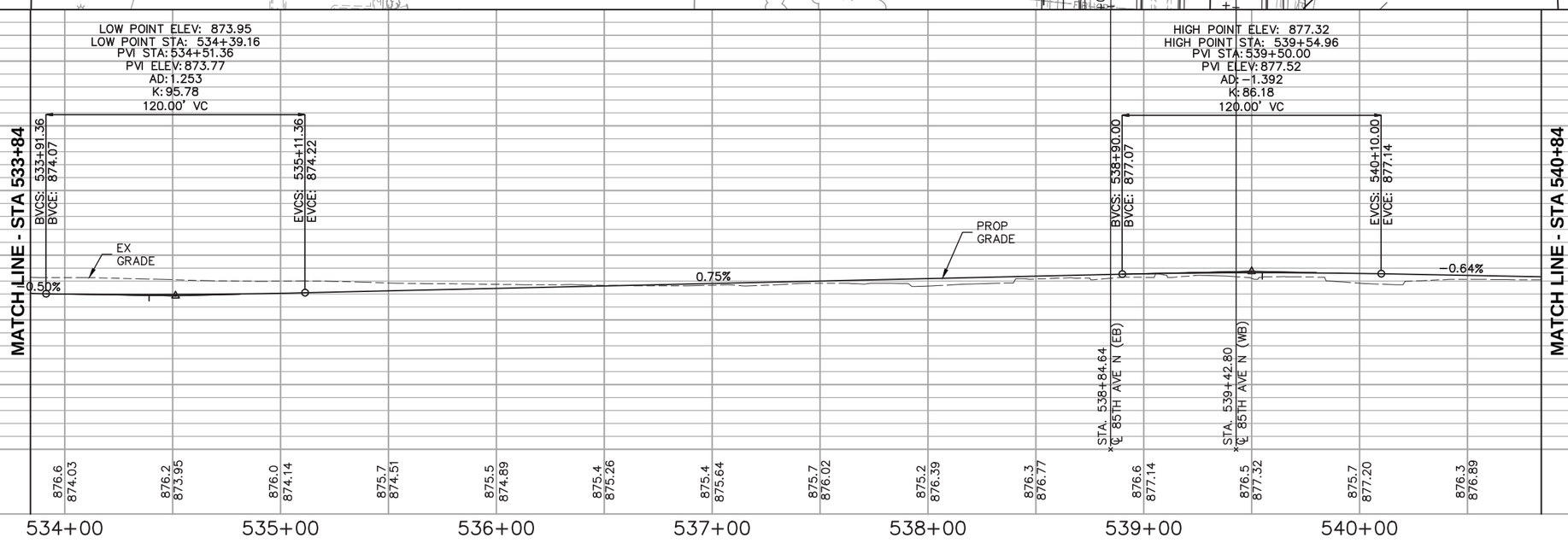
SHEET NAME: BP-CIV-PPFL-014

SHEET 194 OF 266

Dec, 07 2015 10:12 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension Bottineau LRT — Hennepin — Metropolitan Council

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 533+84 TO 540+84

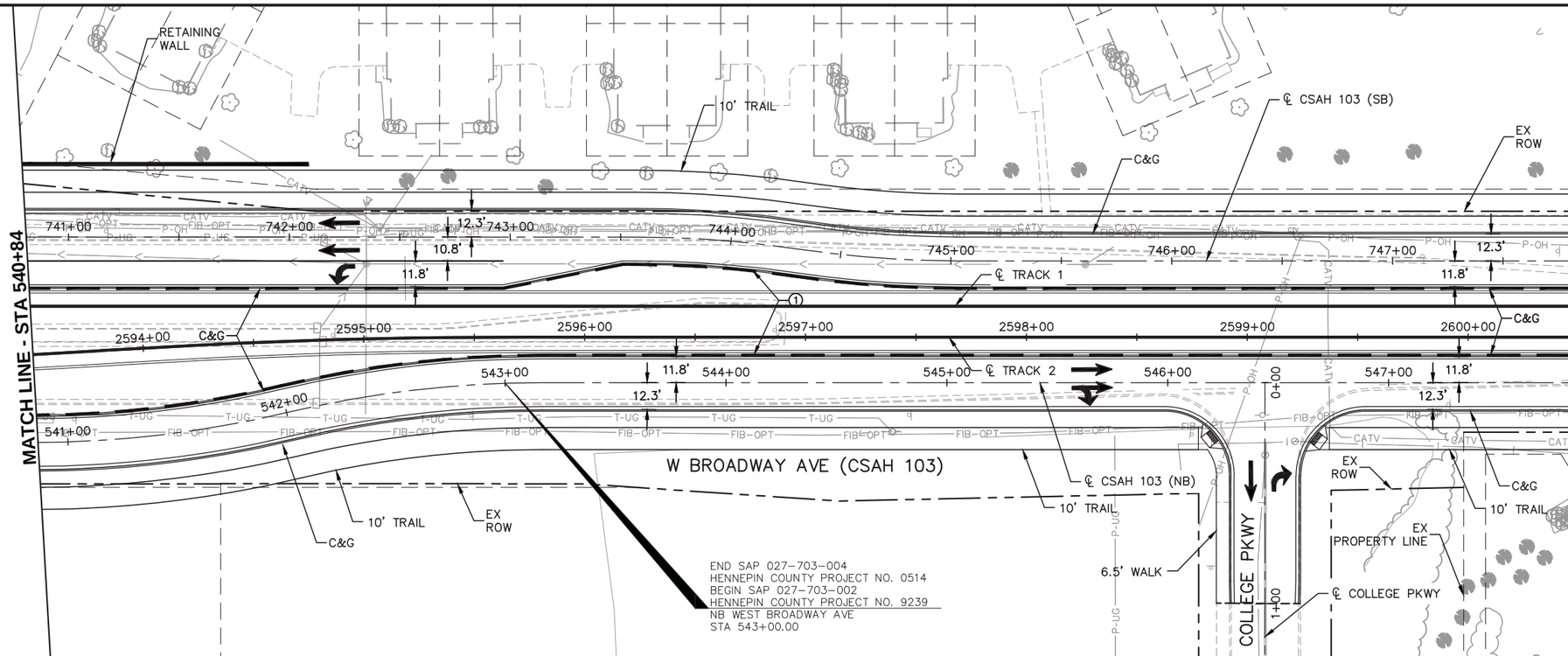
DISCIPLINE: CIVIL

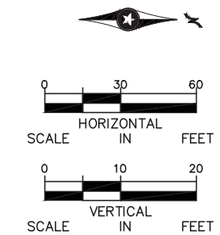
SHEET NAME: BP-CIV-PPFL-015

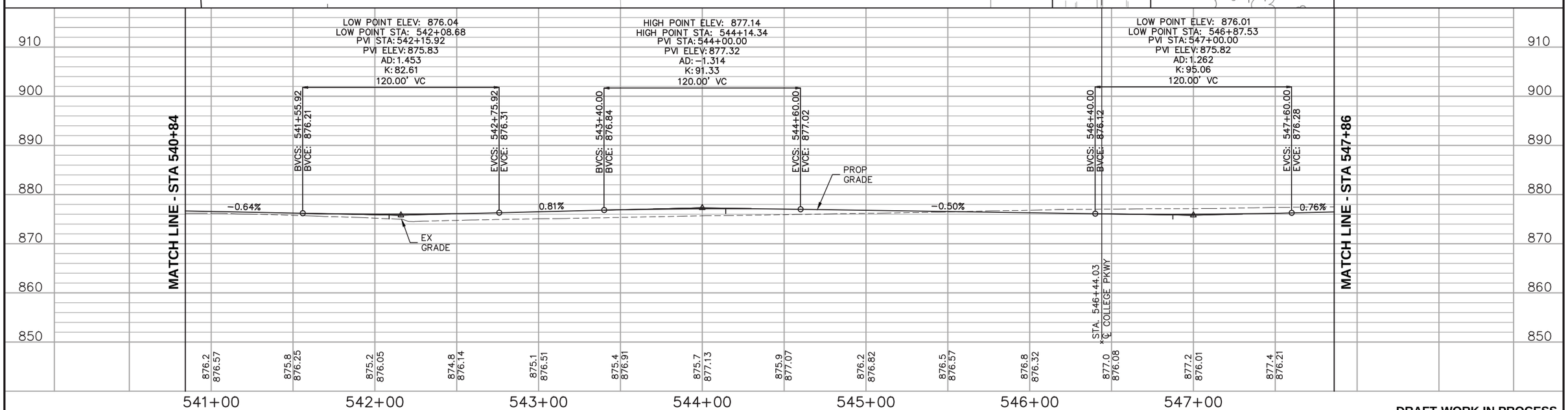
SHEET 195 OF 266

Dec. 08 2015 01:50 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: gstanley

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension Bottineau LRT — Hennepin — Metropolitan Council

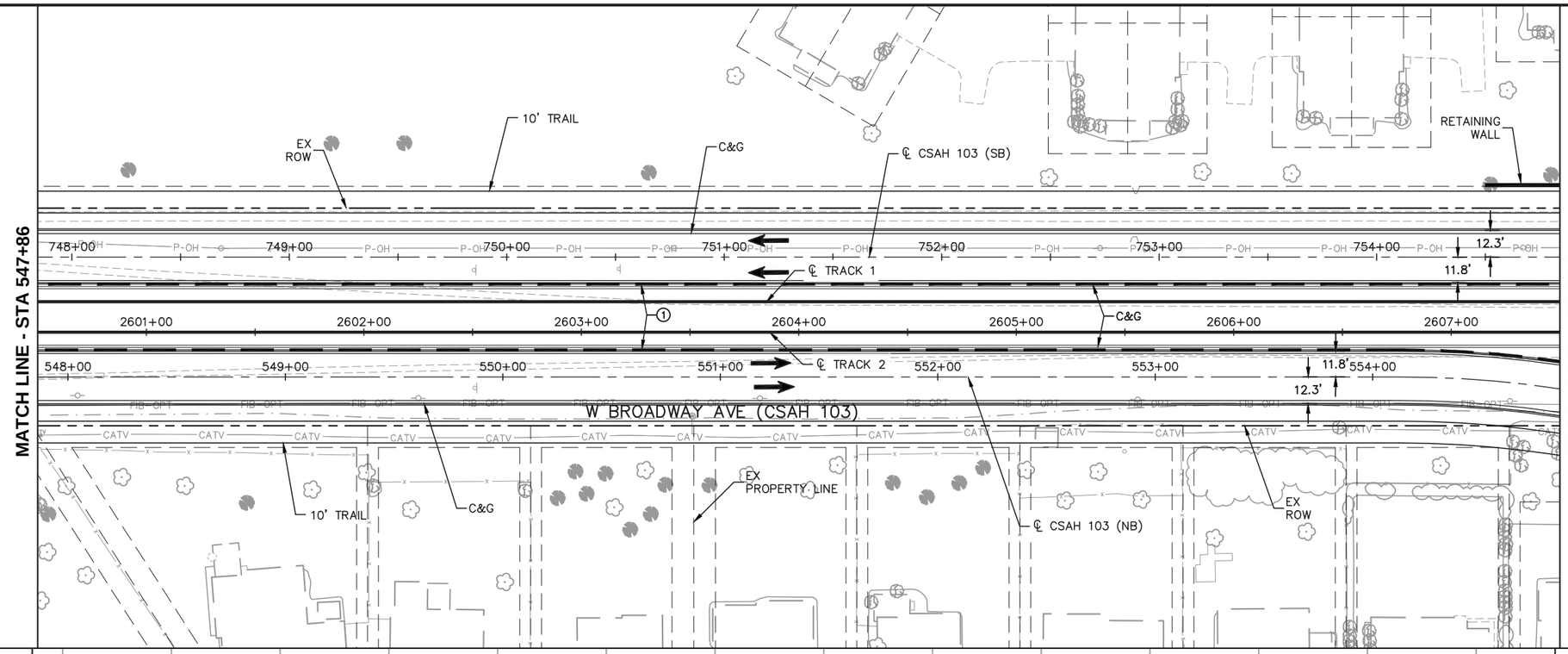
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 540+84 TO 547+86

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-016

SHEET 196 OF 266

Dec, 07 2015 10:14 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



NOTES:

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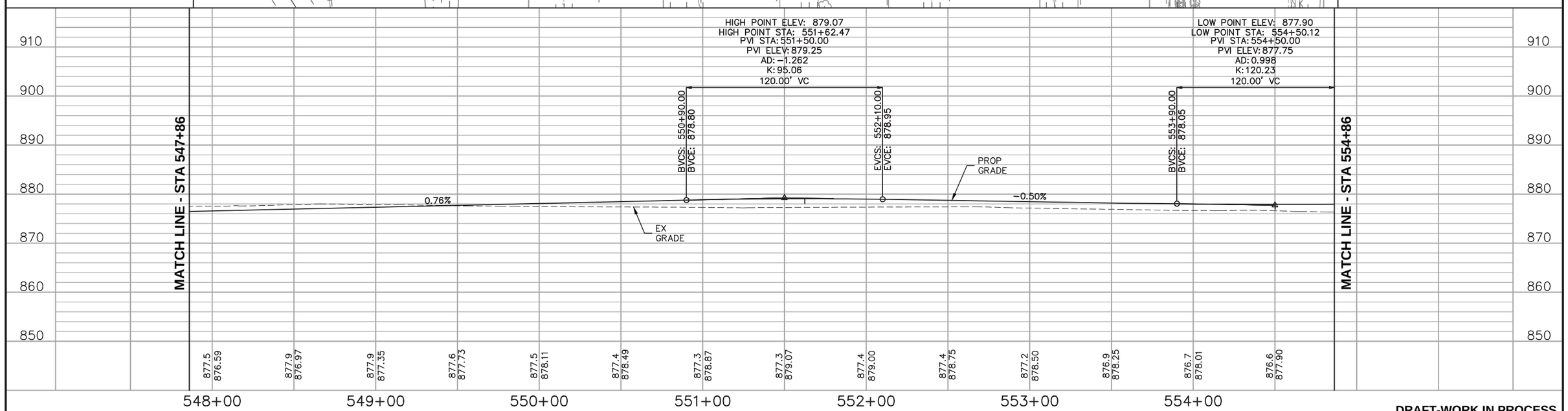
SCALE IN FEET HORIZONTAL: 0 30 60

SCALE IN FEET VERTICAL: 0 10 20



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

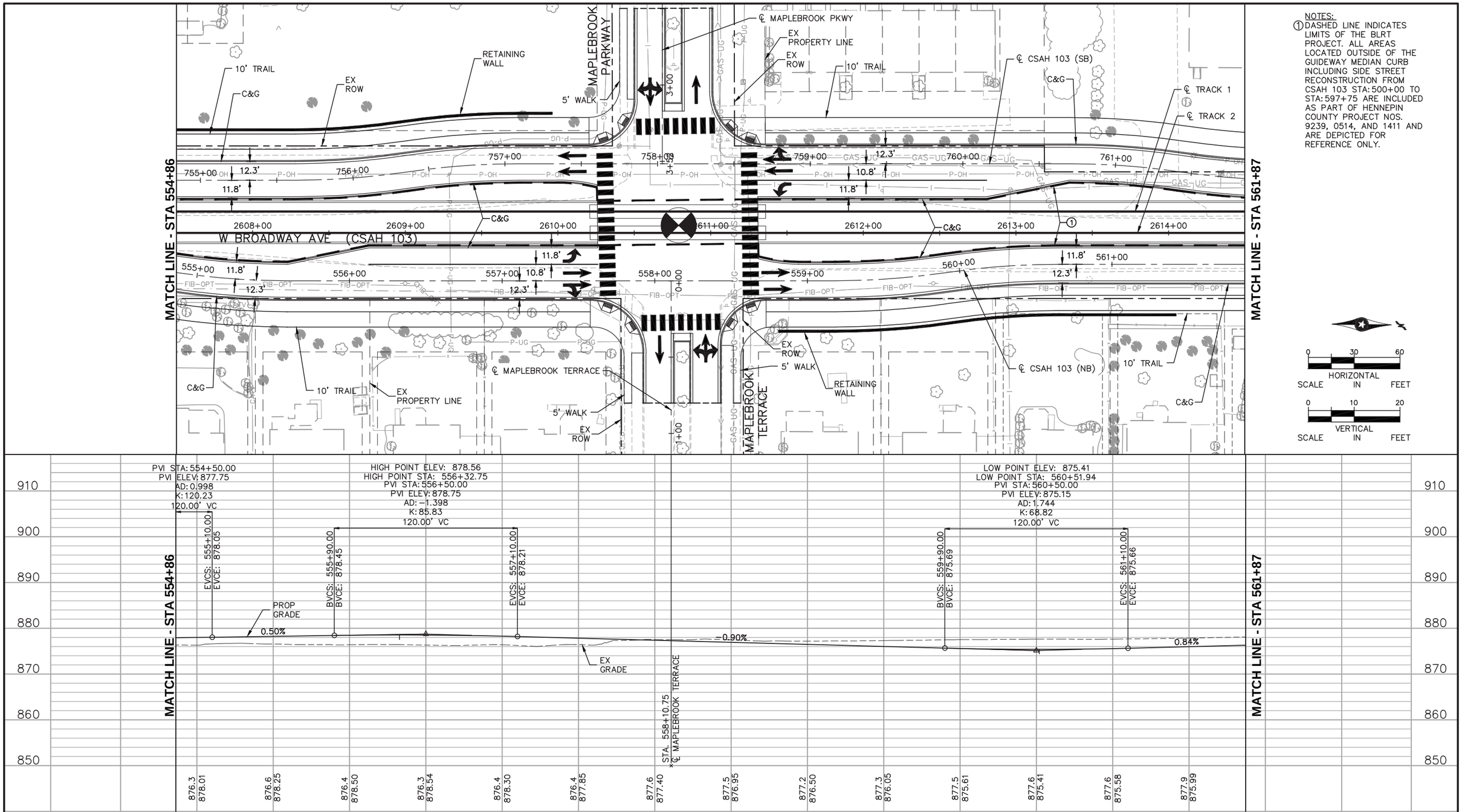
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 547+86 TO 554+86

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-017

SHEET 197 OF 266

Dec, 07 2015 10:16 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



NOTES:

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DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension — Bottineau LRT

Hennepin

Metropolitan Council

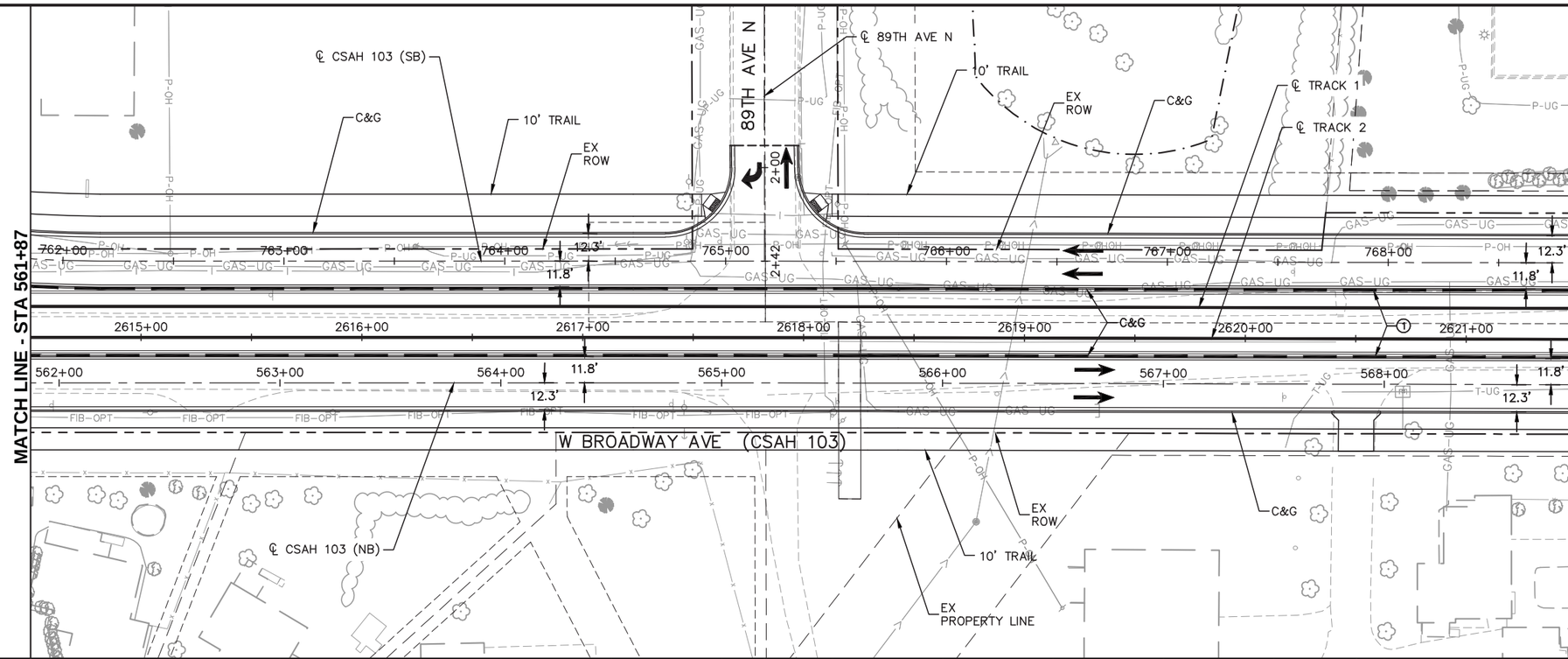
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 554+86 TO 561+87

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-018

SHEET 198 OF 266

Dec, 07 2015 10:17 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



NOTES:
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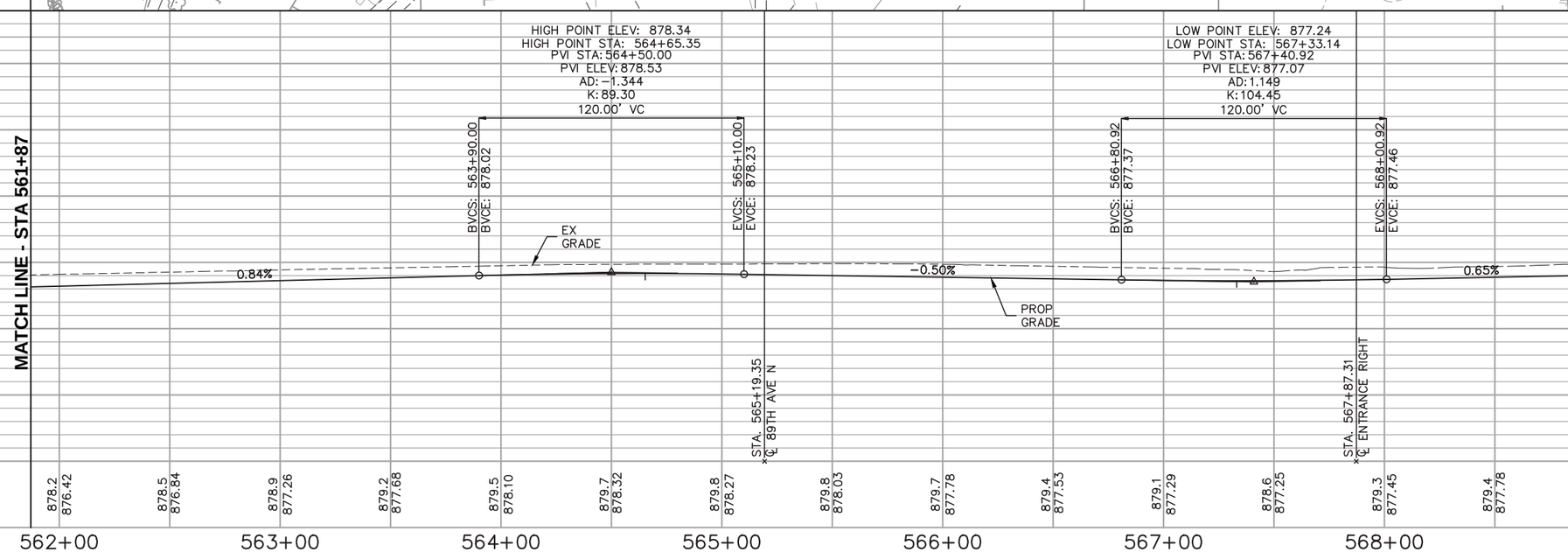


DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension Bottineau LRT — Hennepin — Metropolitan Council

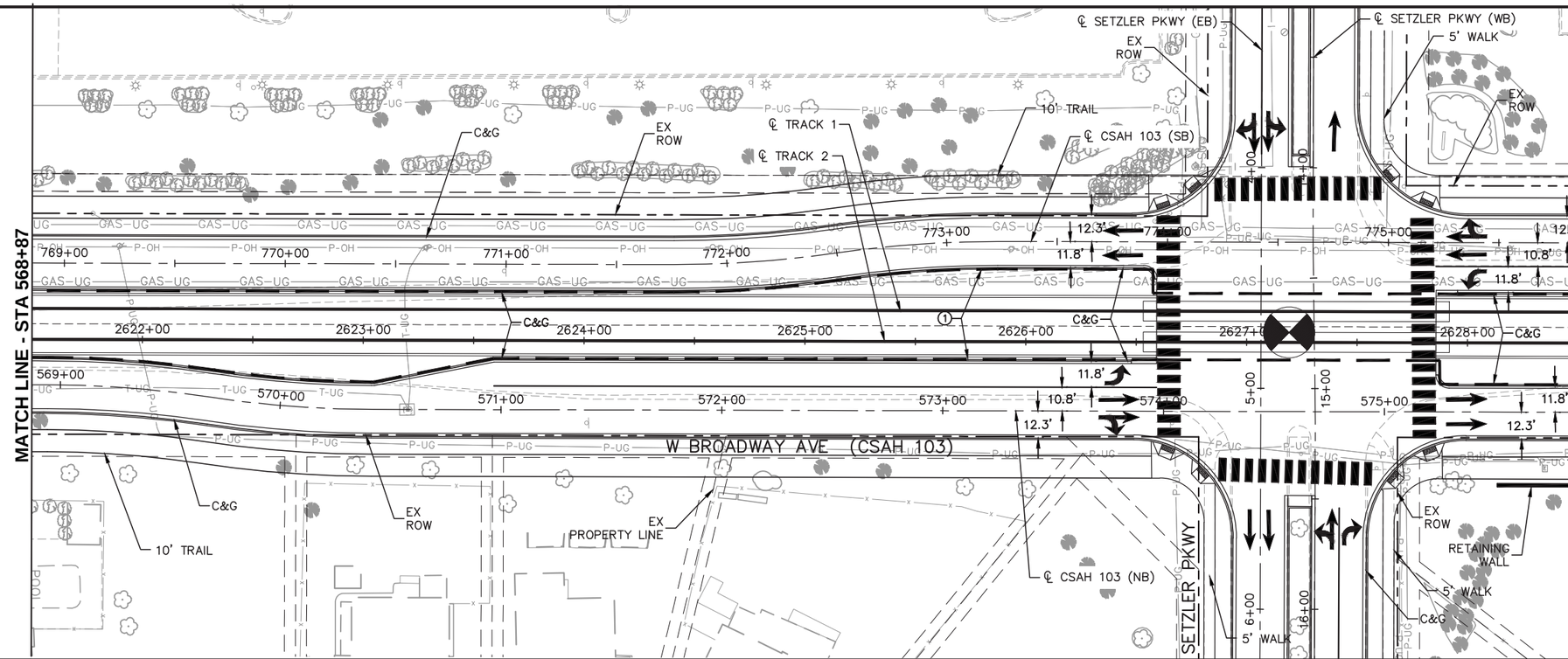
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 561+87 TO 568+87

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-019

SHEET 199 OF 266

Dec, 07 2015 10:18 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



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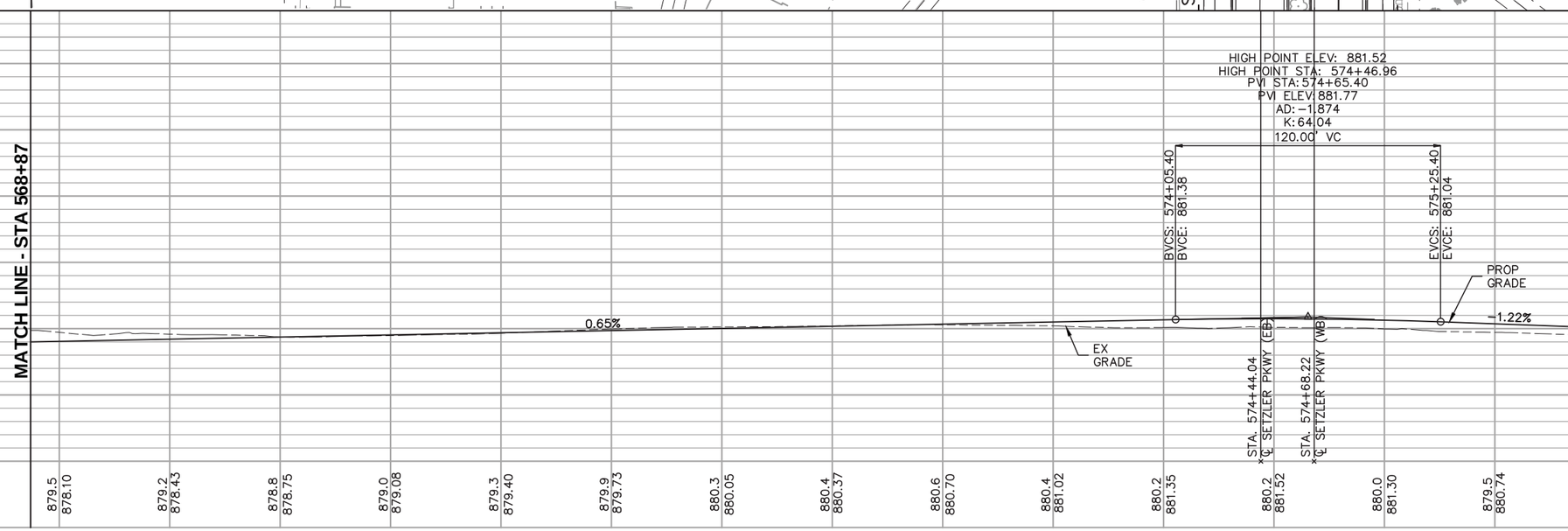
SCALE IN FEET: 0 30 60 HORIZONTAL

SCALE IN FEET: 0 10 20 VERTICAL



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension — Bottineau LRT

Hennepin

Metropolitan Council

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 568+87 TO 575+88

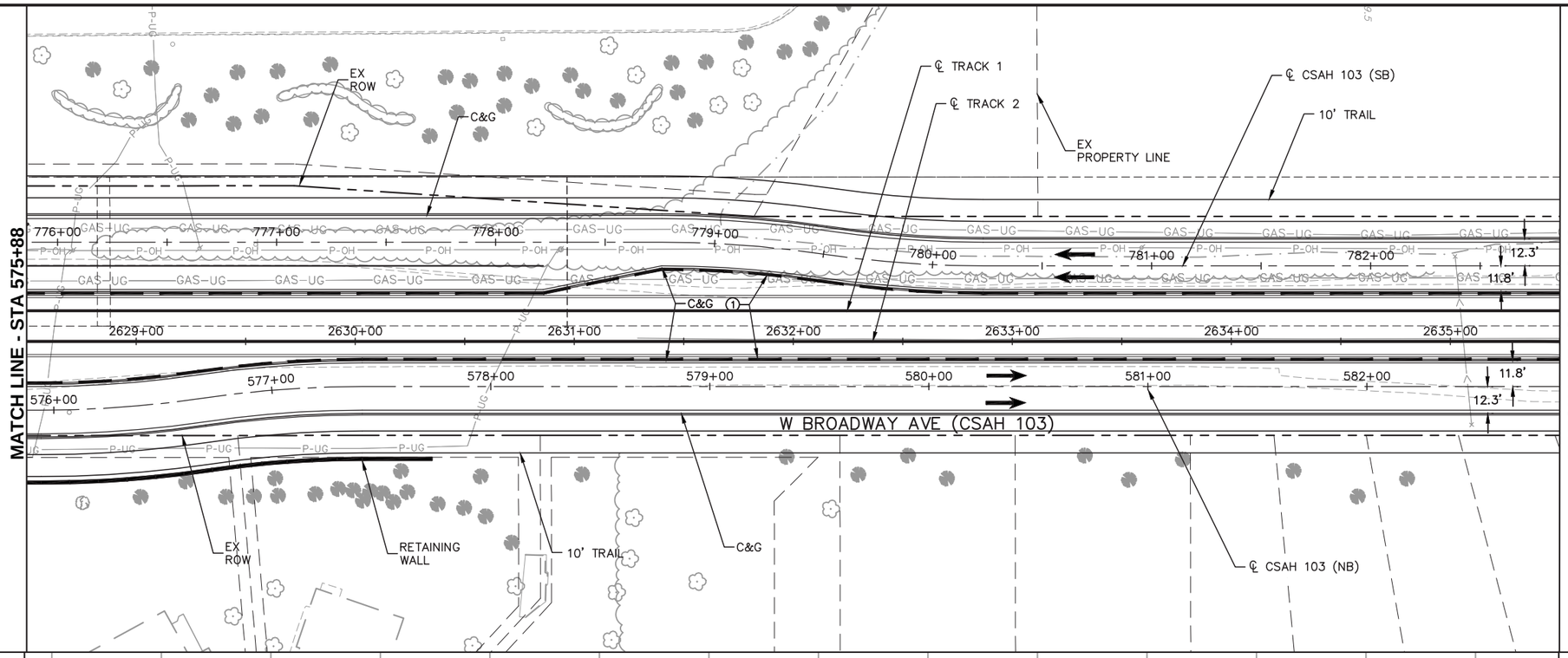
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-020

SHEET 200 OF 266

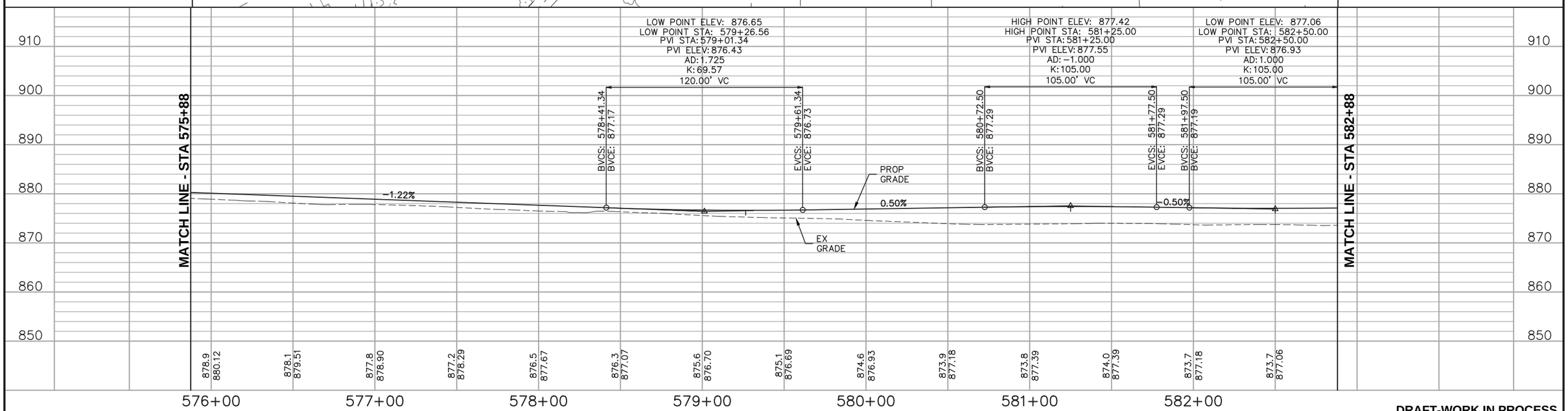
Dec, 07 2015 10:19 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

NOTES:
(1) DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



SCALE IN FEET HORIZONTAL: 0 30 60

SCALE IN FEET VERTICAL: 0 10 20



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 575+88 TO 582+88

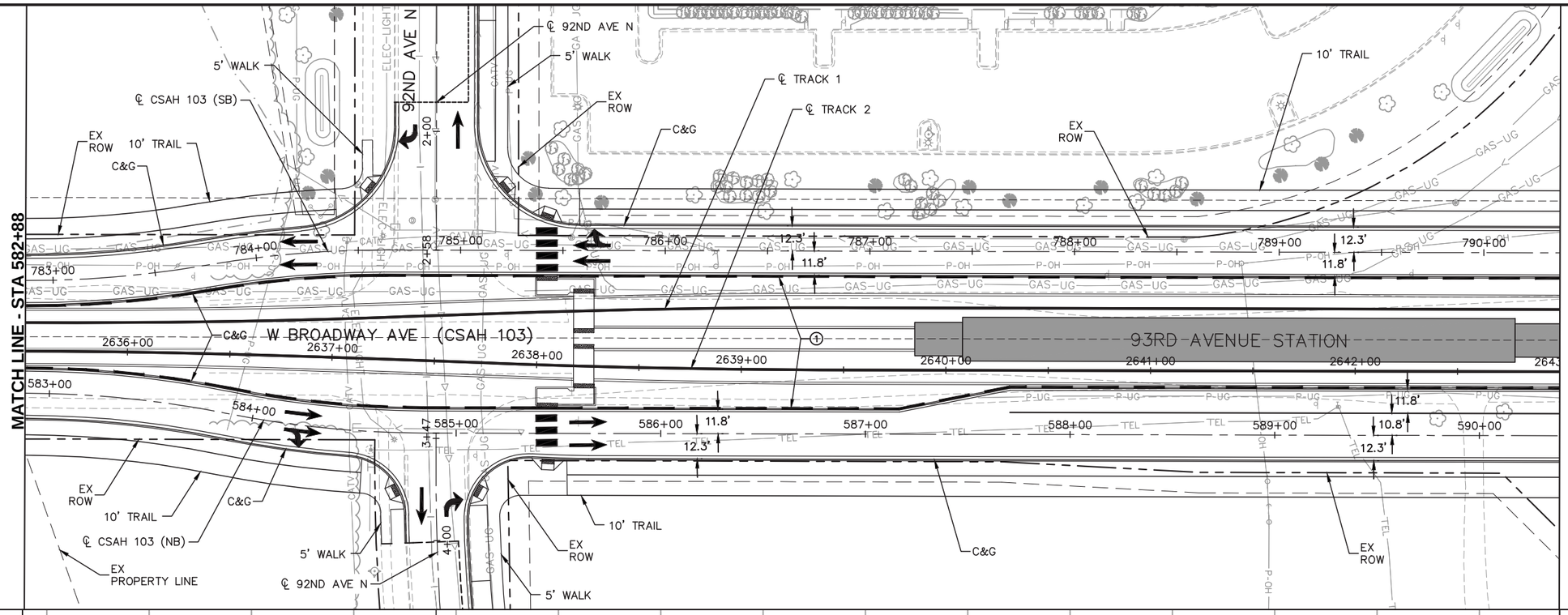
DISCIPLINE: CIVIL

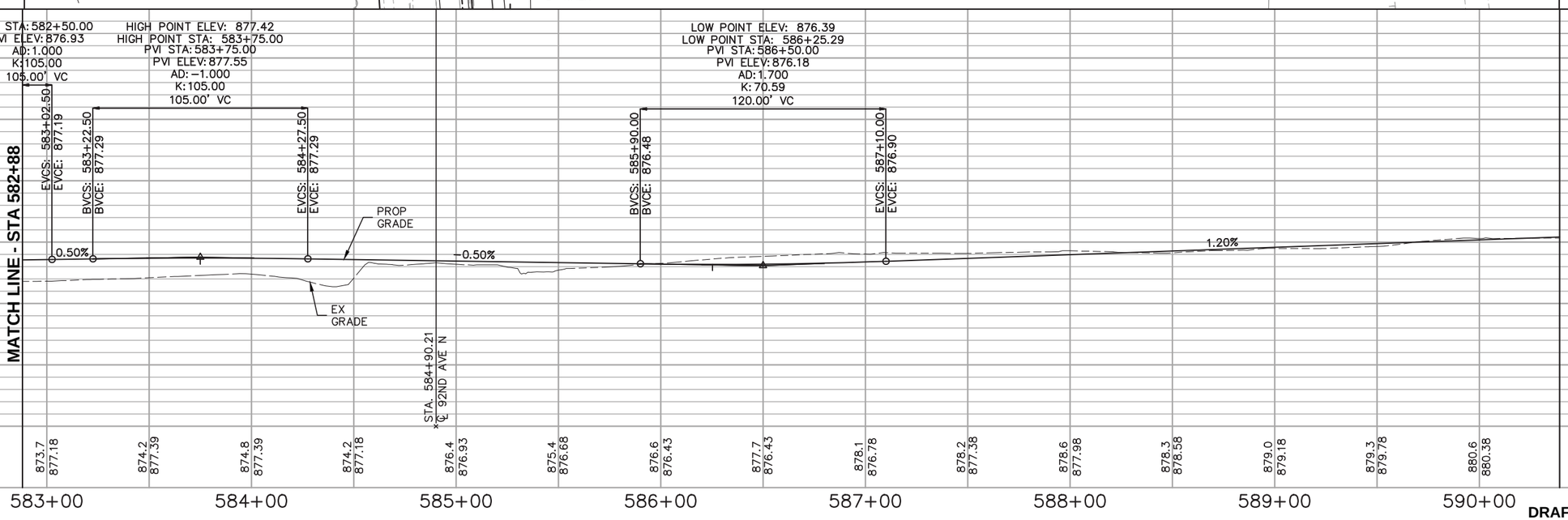
SHEET NAME: BP-CIV-PPFL-021

SHEET 201 OF 266

Dec, 07 2015 10:21 am H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

NOTES:
① DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension Bottineau LRT — Hennepin — Metropolitan Council

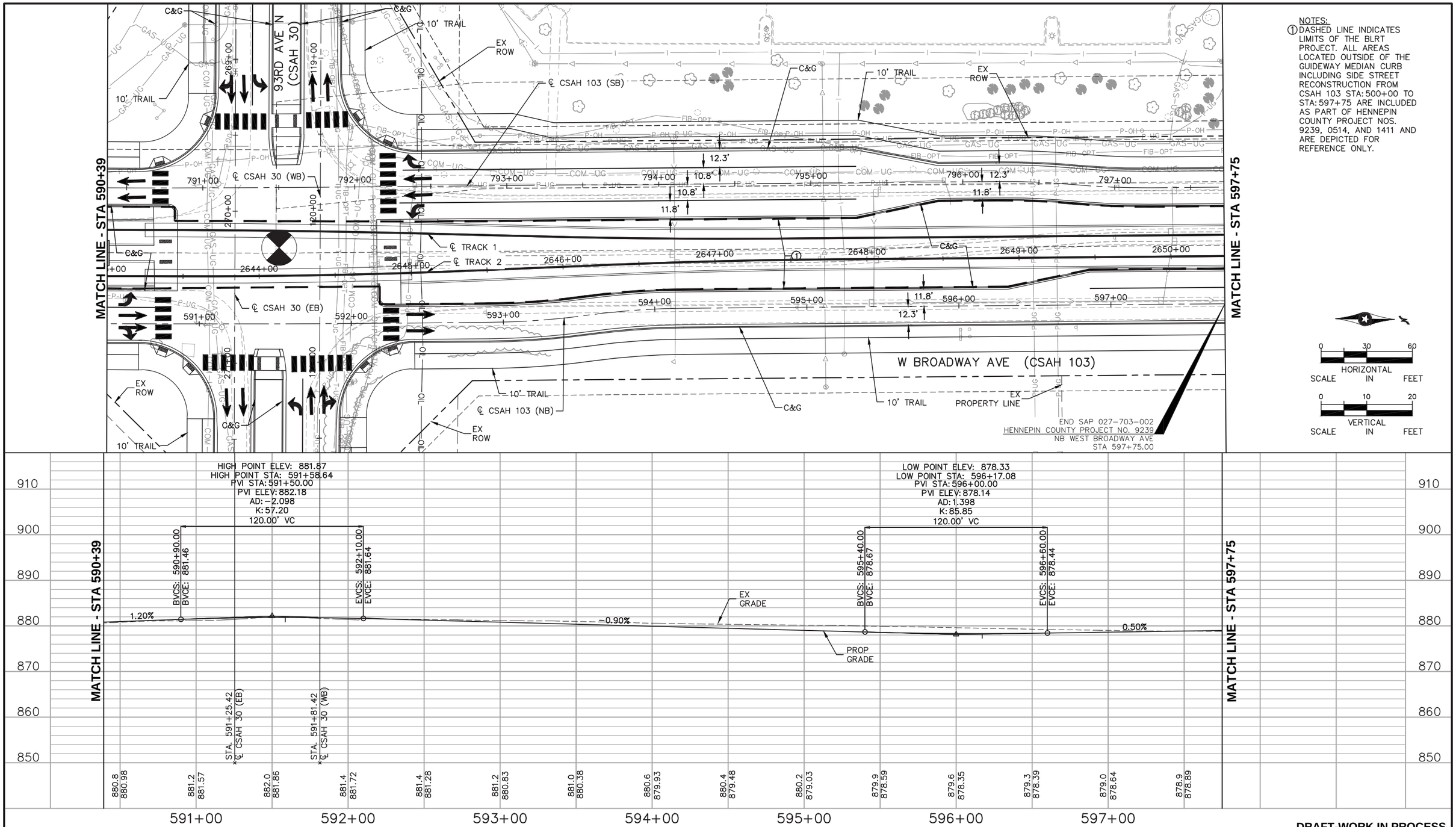
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 582+88 TO 590+39

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-022

SHEET 202 OF 266

Dec, 07 2015 10:22 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

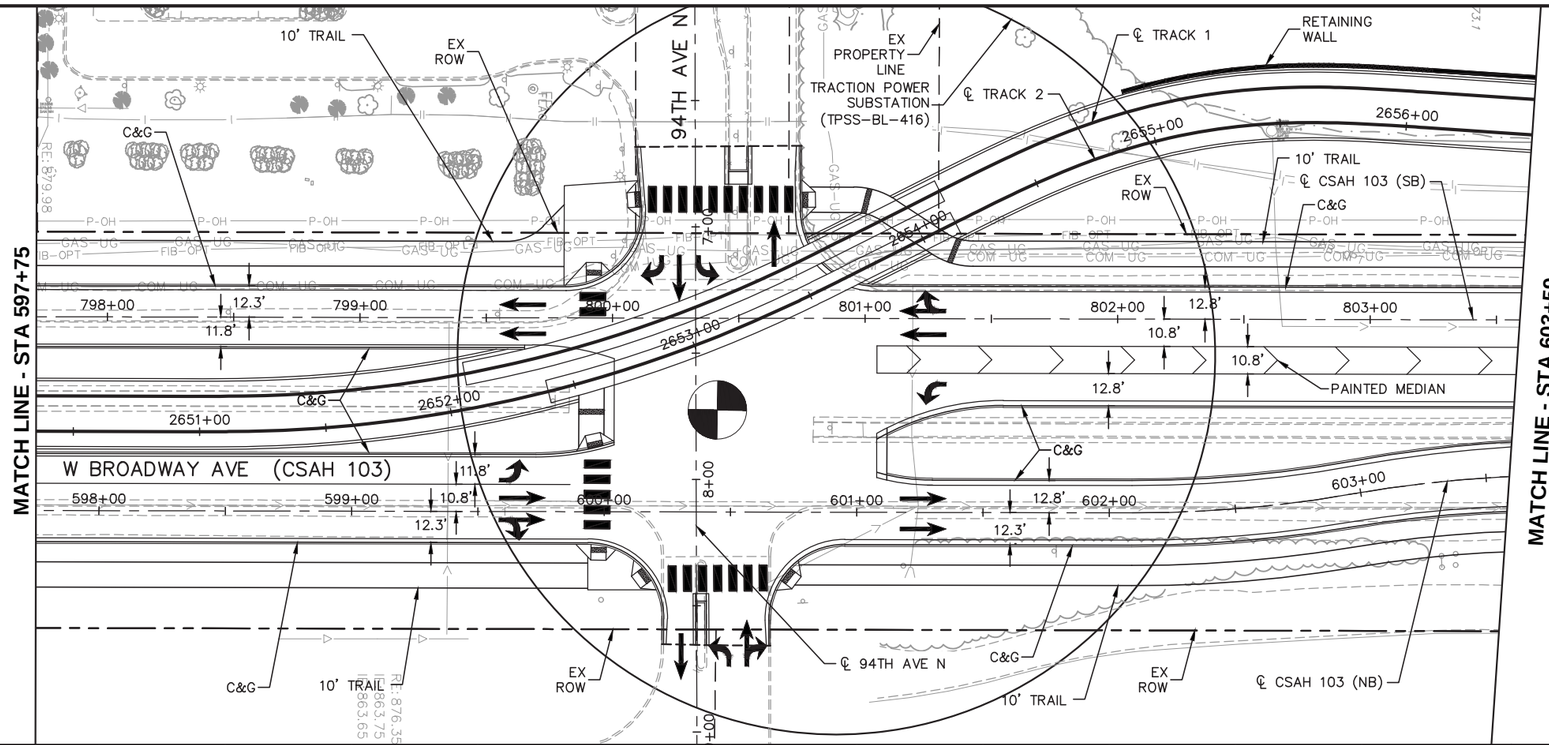
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 590+39 TO 597+75

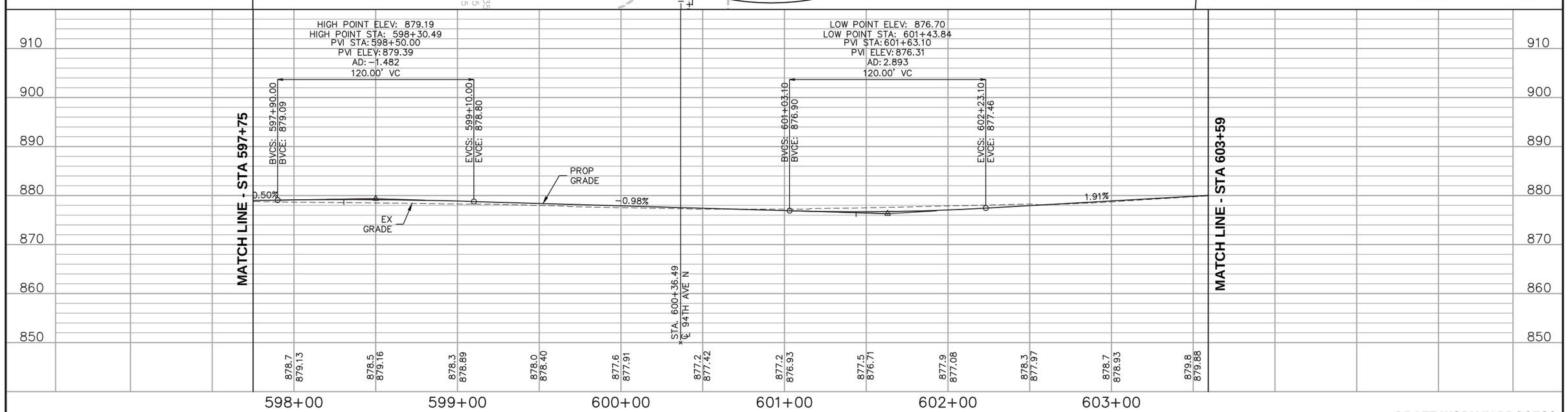
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-023

SHEET 203 OF 266

Dec. 08 2015 02:58 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: gstanley





HORIZONTAL SCALE IN FEET: 0 30 60

VERTICAL SCALE IN FEET: 0 10 20

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

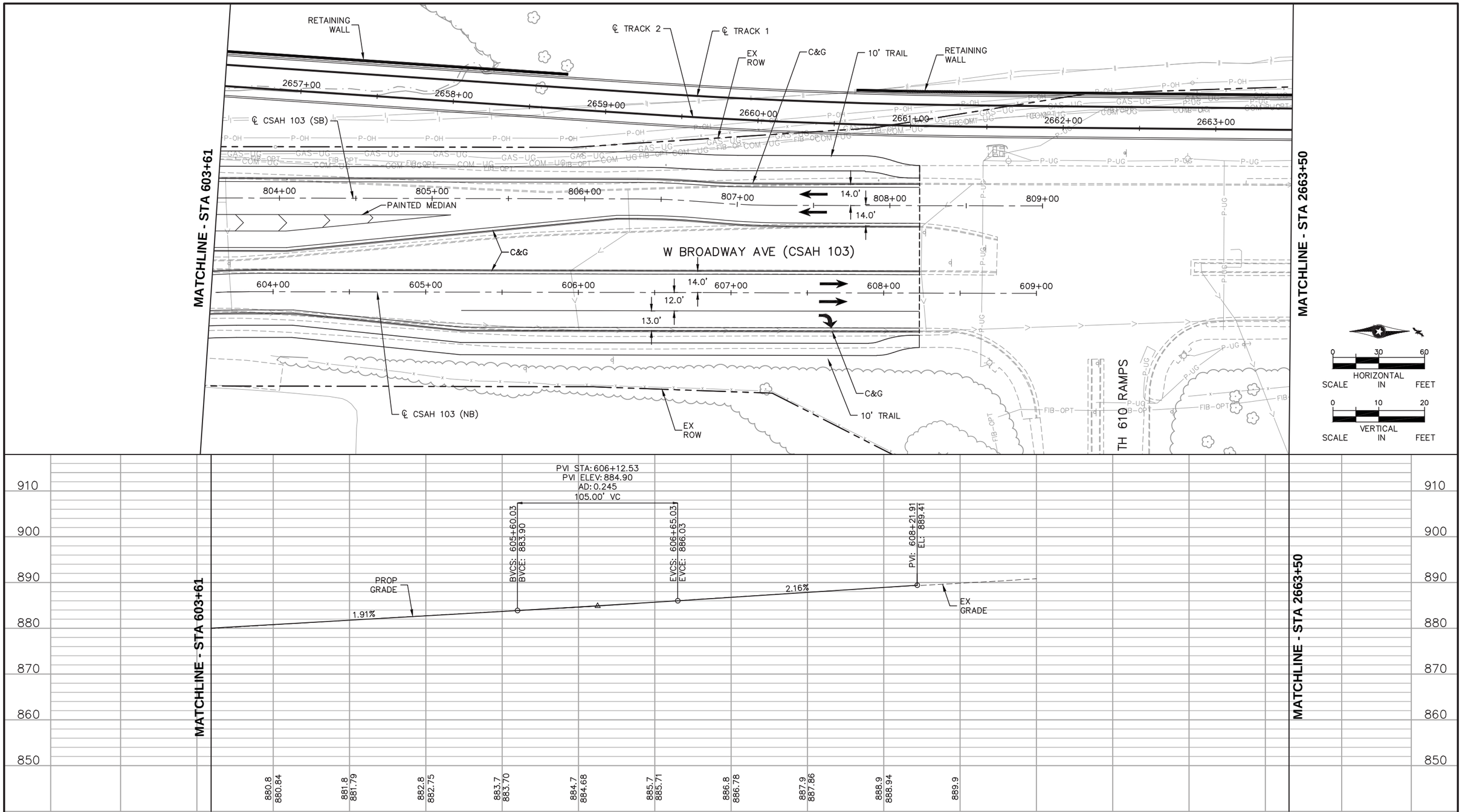
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 597+75 TO STA 603+59

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-024

SHEET 204 OF 266

Dec, 08 2015 01:55 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: gstanley



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

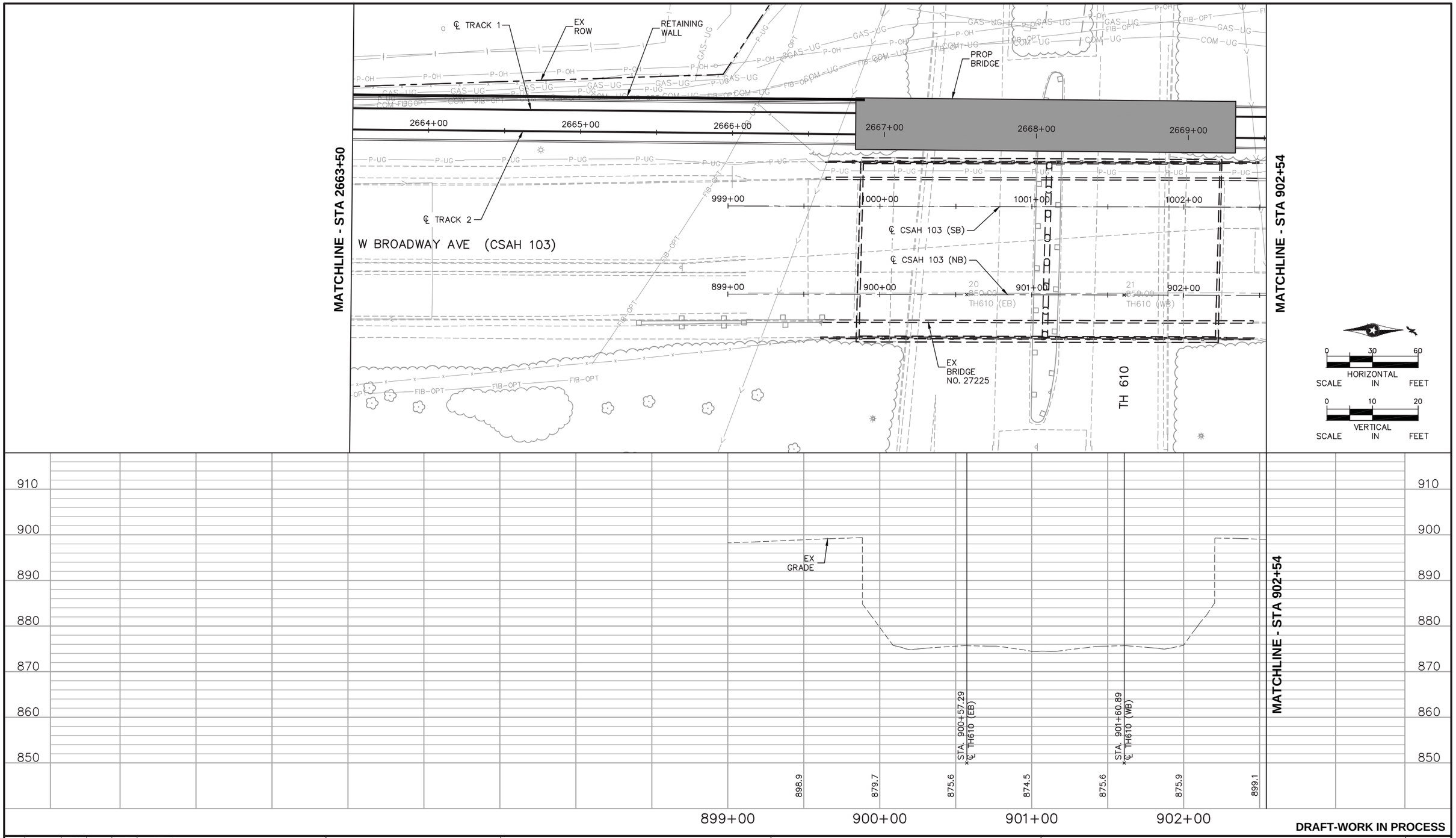
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 603+61 TO STA 2663+50

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-025

SHEET 205 OF 266

Dec, 04 2015 01:07 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: jpond



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 2663+50 TO STA 902+54

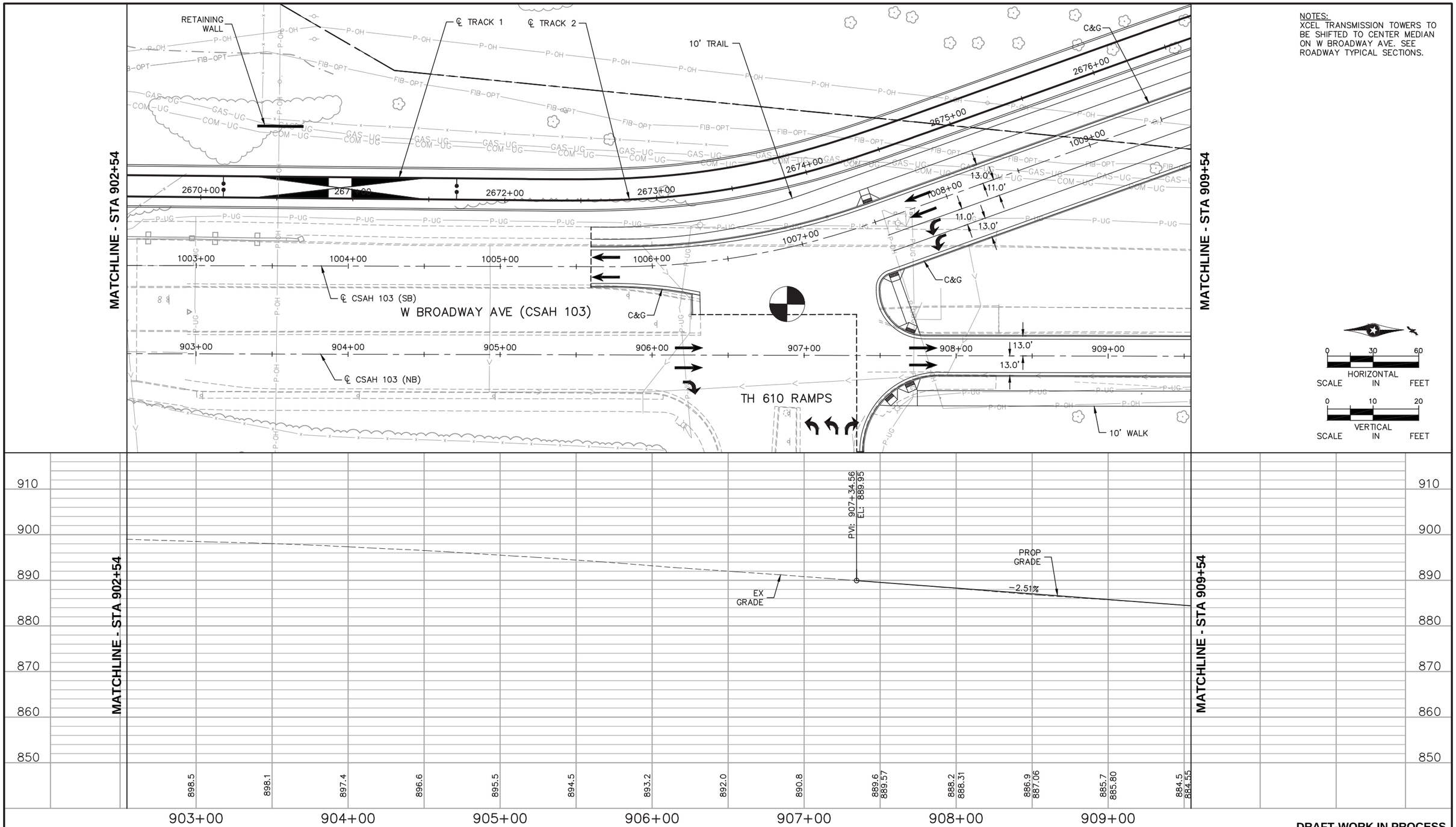
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-026

SHEET 206 OF 266

Dec, 08 2015 01:56 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: gstanley

NOTES:
XCEL TRANSMISSION TOWERS TO BE SHIFTED TO CENTER MEDIAN ON W BROADWAY AVE. SEE ROADWAY TYPICAL SECTIONS.



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 902+54 TO STA 909+54

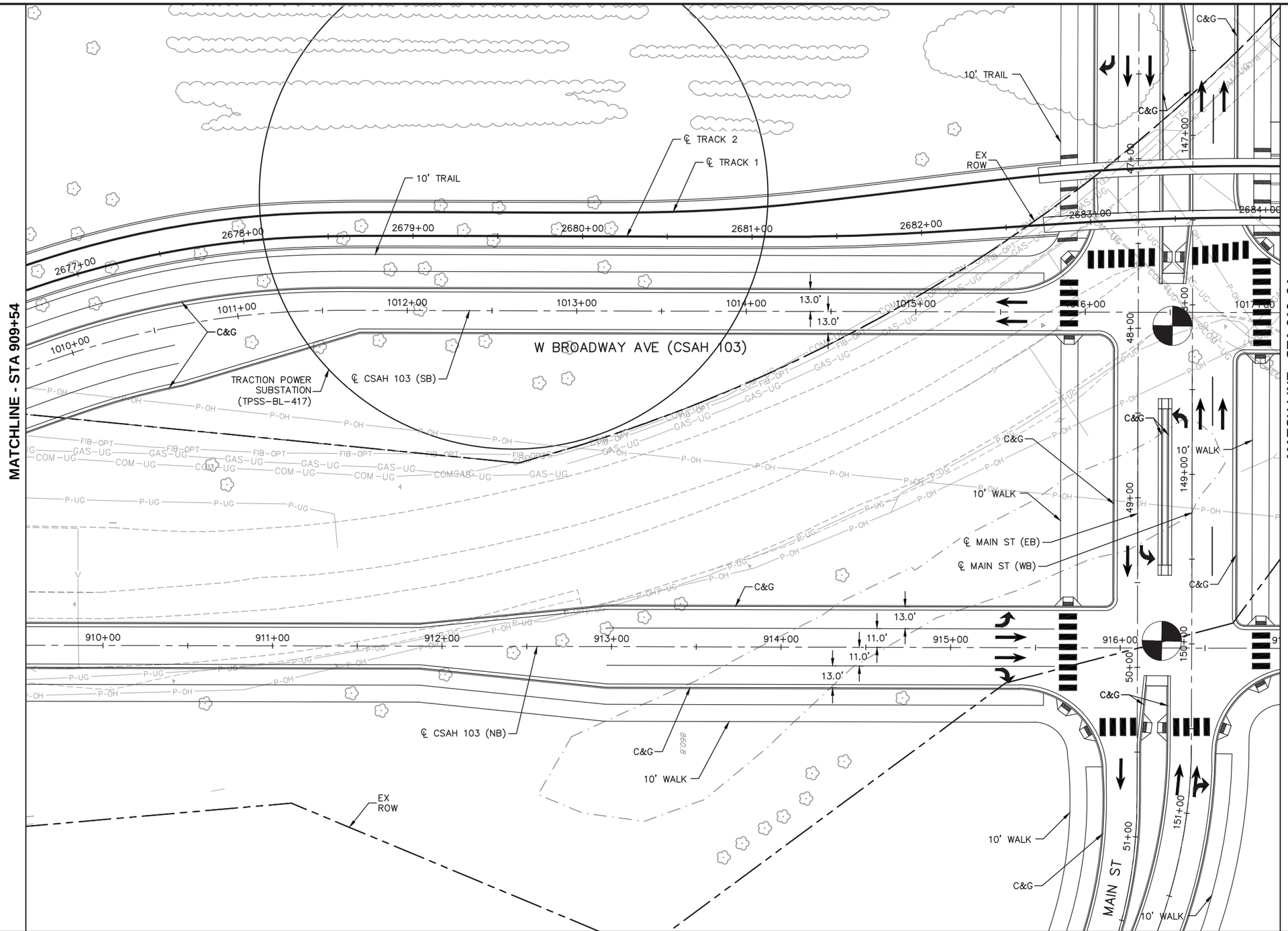
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-027

SHEET 207 OF 266

Dec. 04 2015 01:10 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: jpond

NOTES:
XCEL TRANSMISSION TOWERS TO BE SHIFTED TO CENTER MEDIAN ON W BROADWAY AVE. SEE ROADWAY TYPICAL SECTIONS.



0 30 60
HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

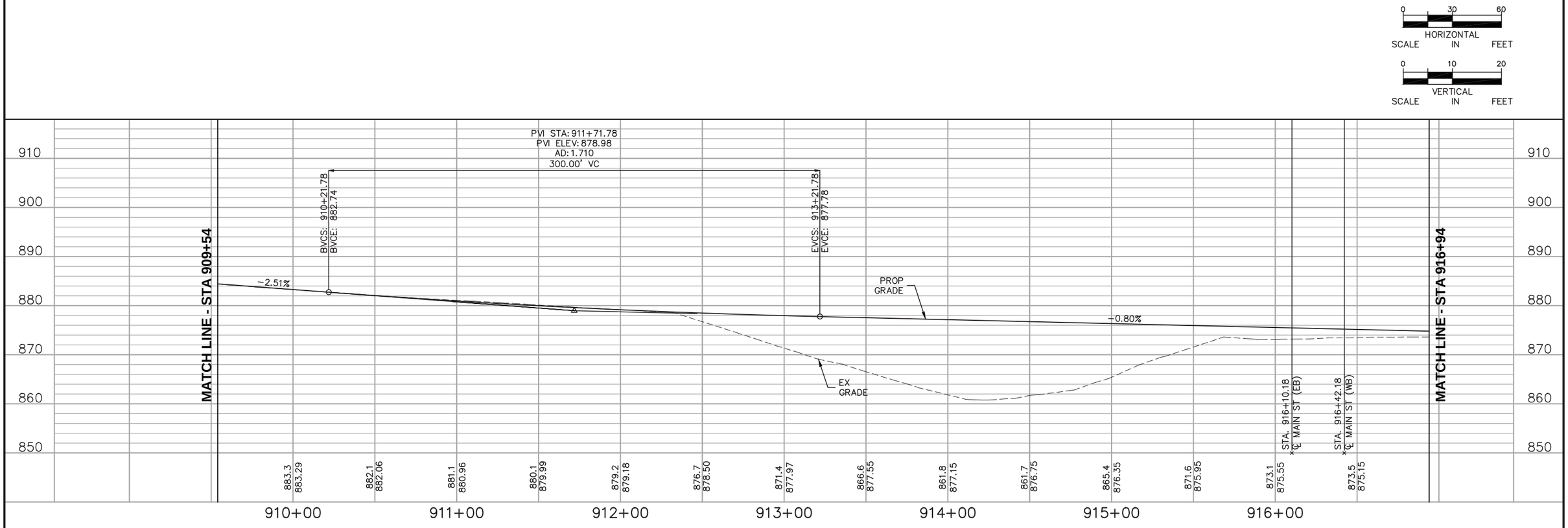
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 909+54 TO STA 916+94

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-028

SHEET 208 OF 266

Dec, 04 2015 01:10 pm H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: jpond



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 909+54 TO STA 916+94

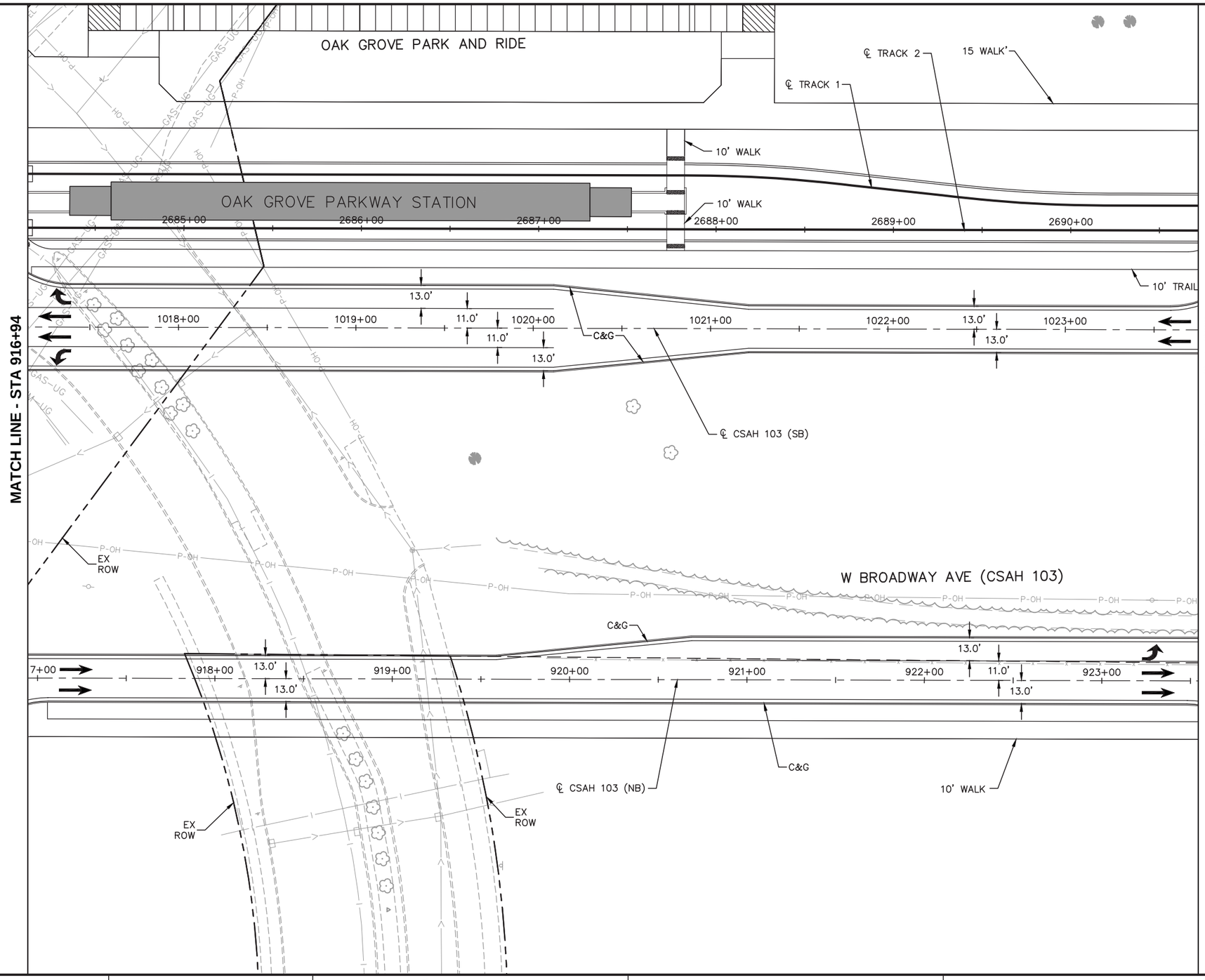
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-28A

SHEET 209 OF 266

Dec, 04 2015 01:11 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OdkGr.dwg By: jpond

NOTES:
XCEL TRANSMISSION TOWERS TO BE SHIFTED TO CENTER MEDIAN ON W BROADWAY AVE. SEE ROADWAY TYPICAL SECTIONS.



0 30 60
HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT

METROPOLITAN COUNCIL

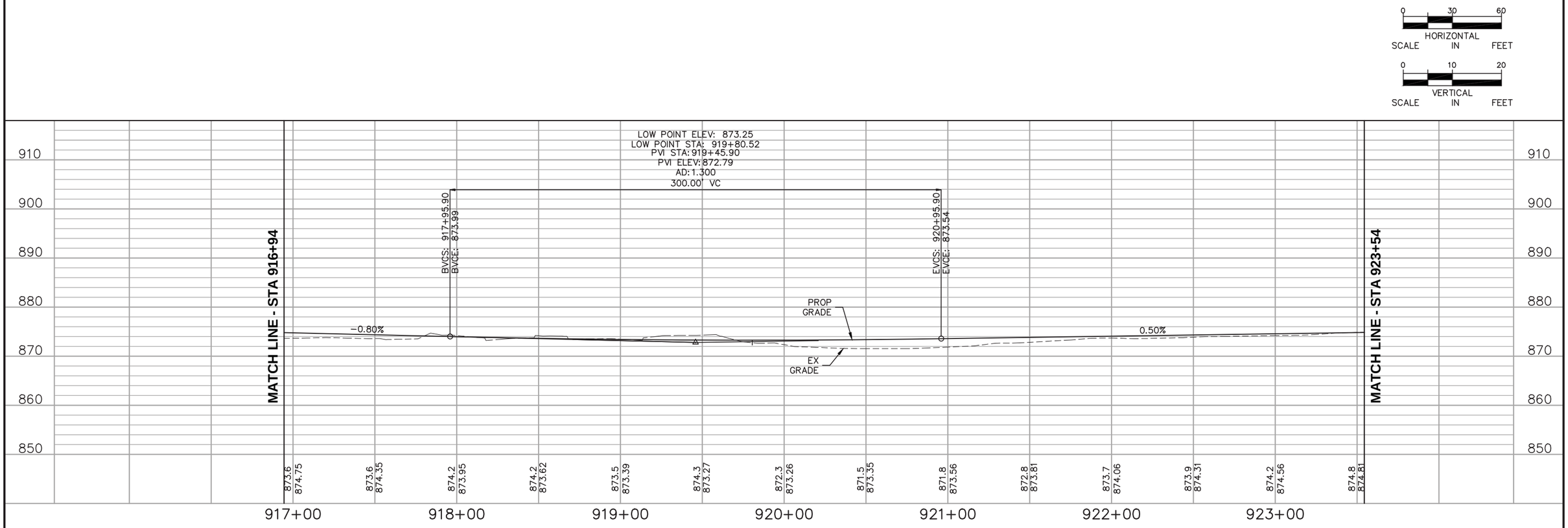
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 916+94 TO STA 923+54

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-029

SHEET 210 OF 266

Dec, 04 2015 01:12 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: jpond



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 916+94 TO STA 923+54

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-29A

SHEET 211 OF 266

Dec, 04 2015 01:12 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: jpond

NOTES:
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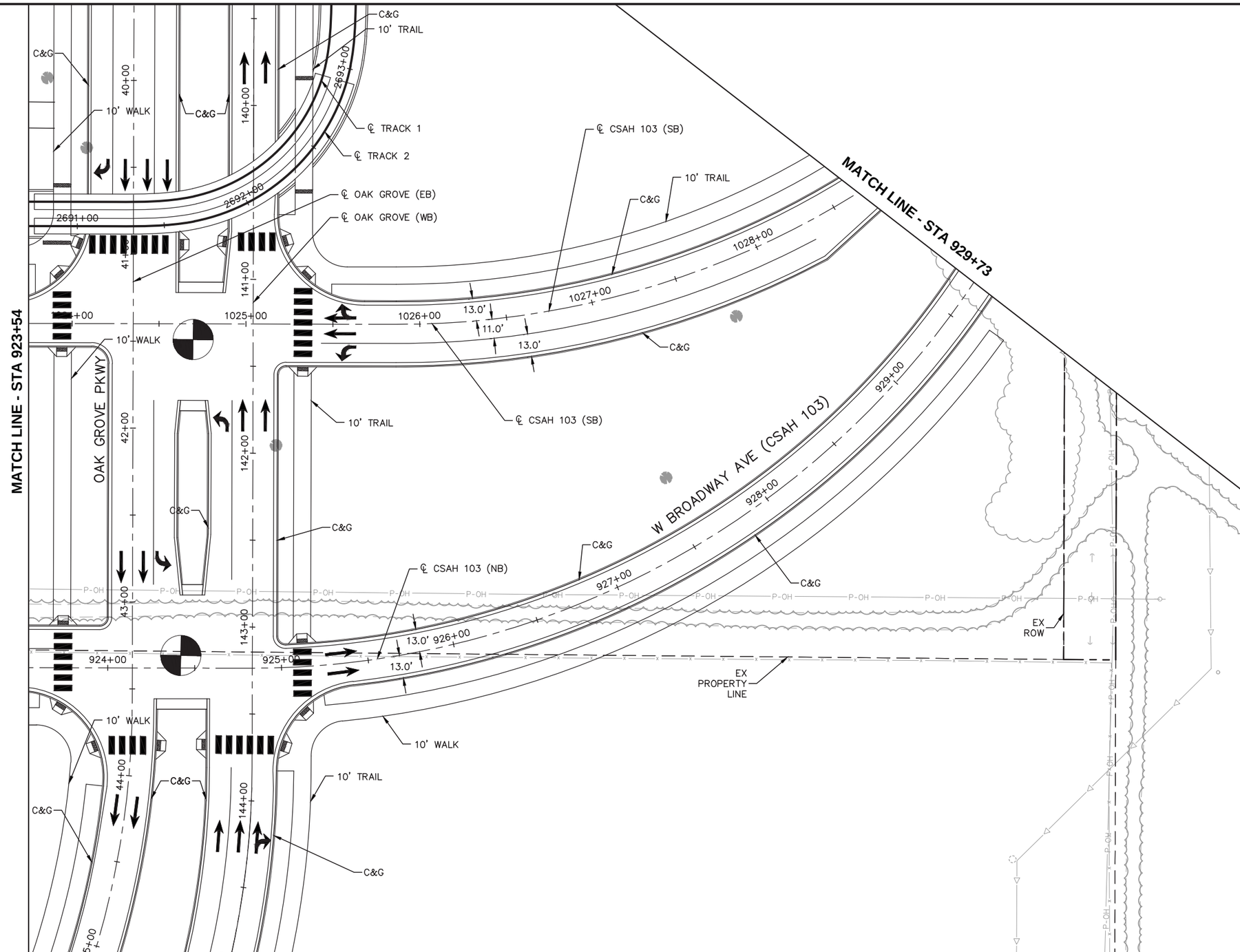


0 30 60
HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

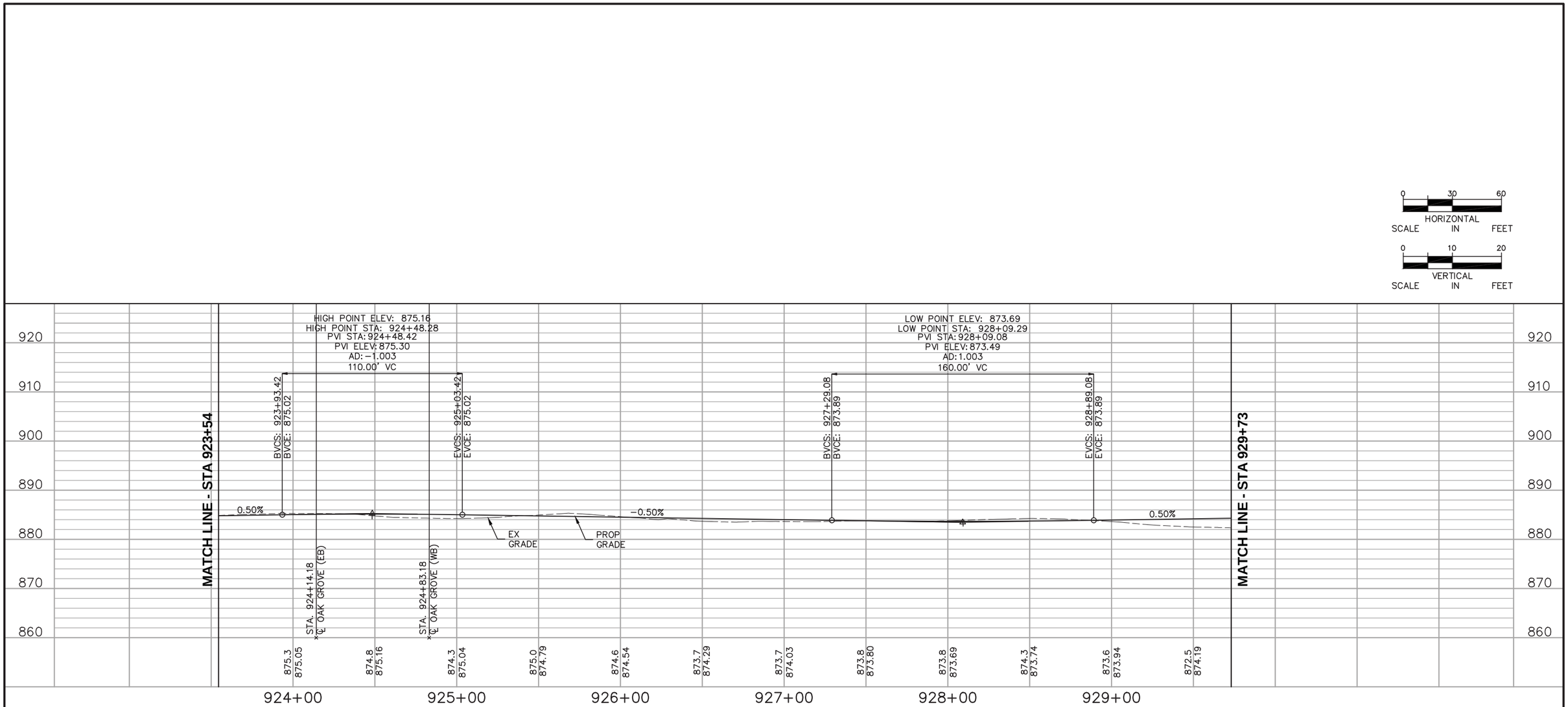
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 923+54 TO STA 929+73

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-030

SHEET 212 OF 266

Dec, 04 2015 01:13 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: jpond



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

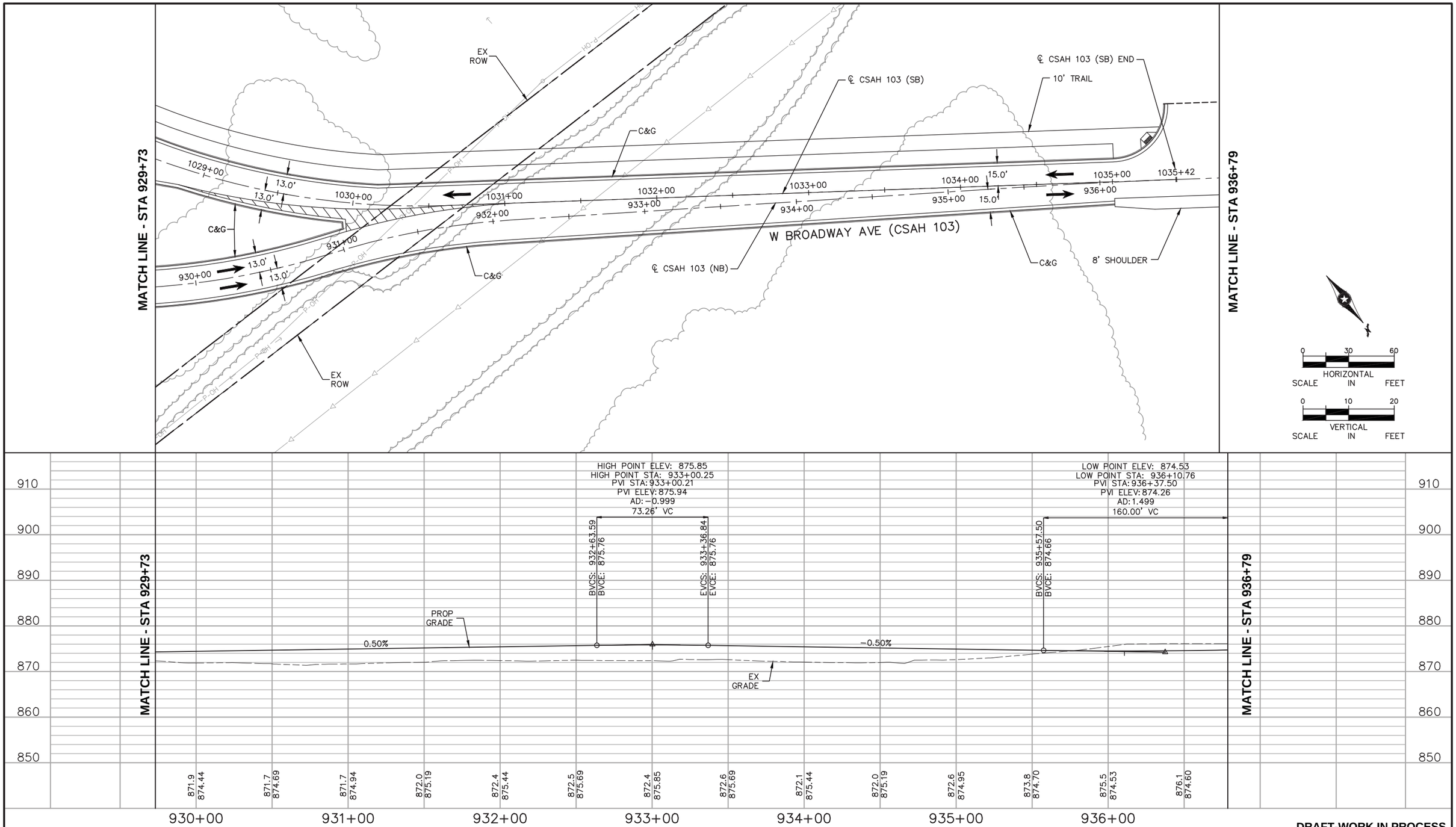
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 923+54 TO STA 929+73

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-30A

SHEET 213 OF 266

Dec, 04 2015 01:13 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: jpond



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 929+73 TO STA 936+79

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-031

SHEET 214 OF 266

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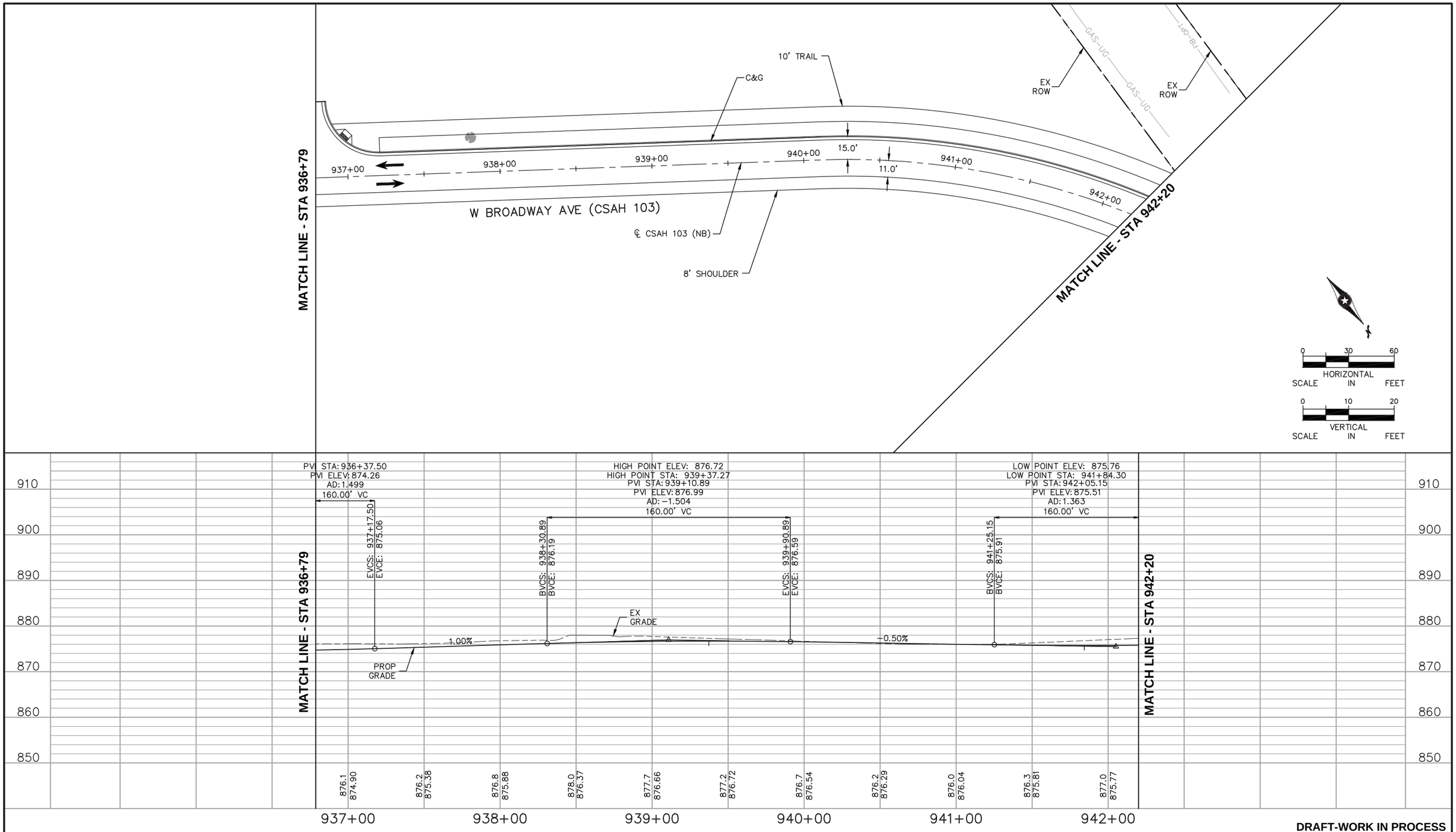


DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

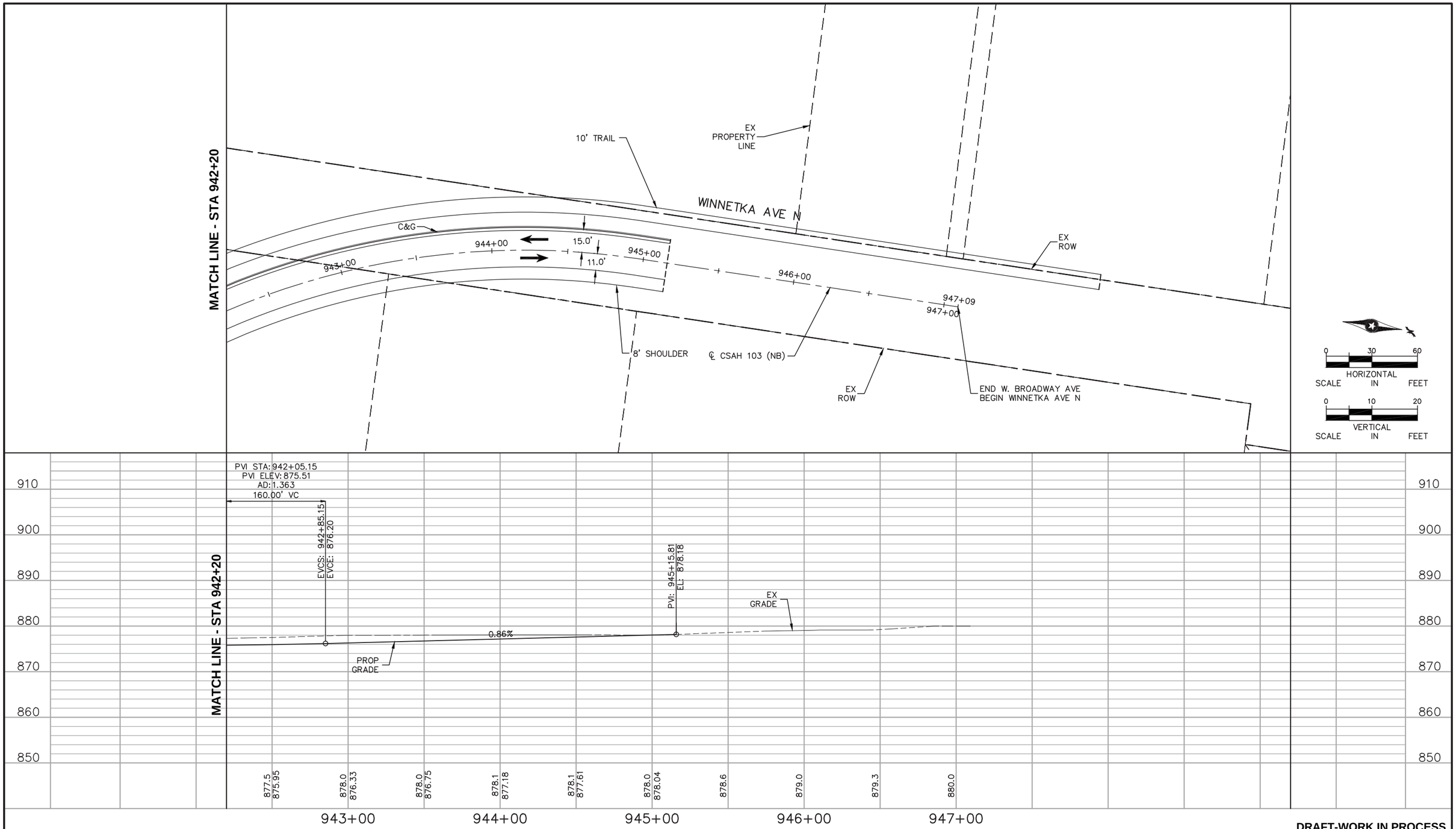
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 936+79 TO STA 942+20

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-032

SHEET 215 OF 266

Dec, 04 2015 01:16 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: jpond



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

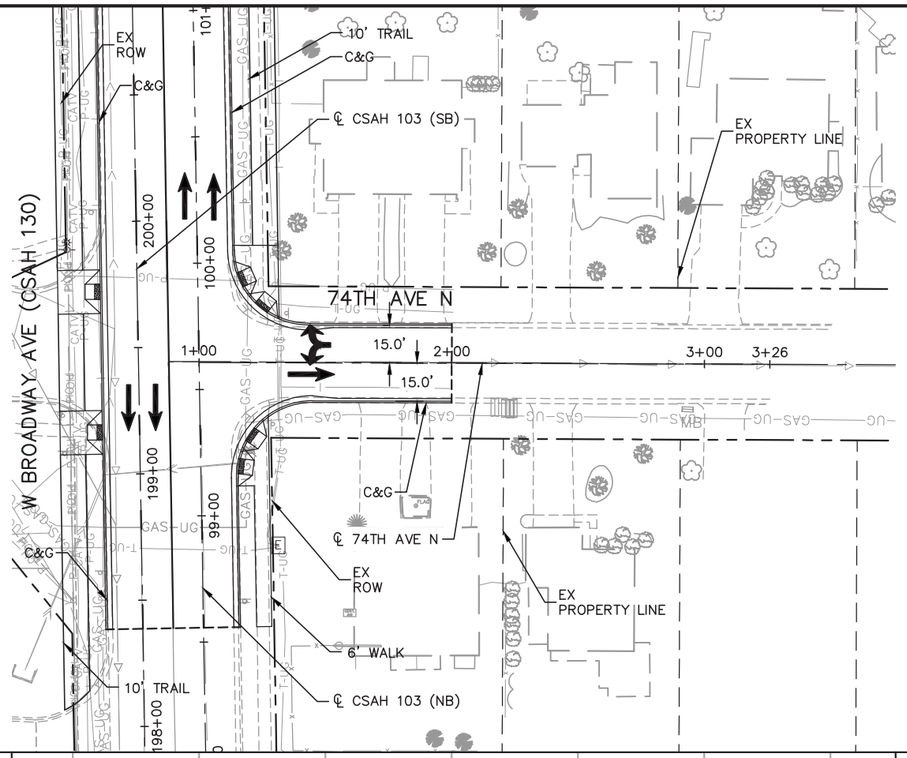
SEGMENT BP
W BROADWAY AVE (CSAH 103)
PLAN AND PROFILE
STA 942+20 TO 947+09

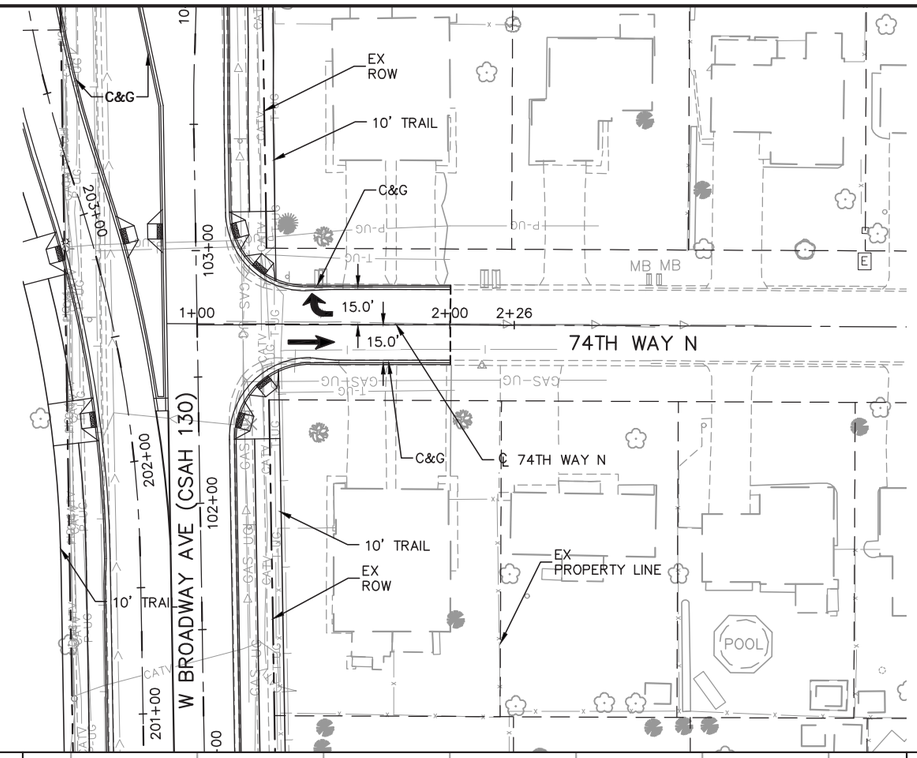
DISCIPLINE: CIVIL

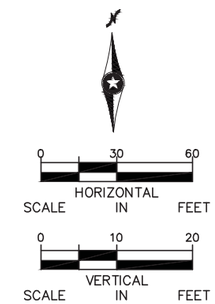
SHEET NAME: BP-CIV-PPFL-033

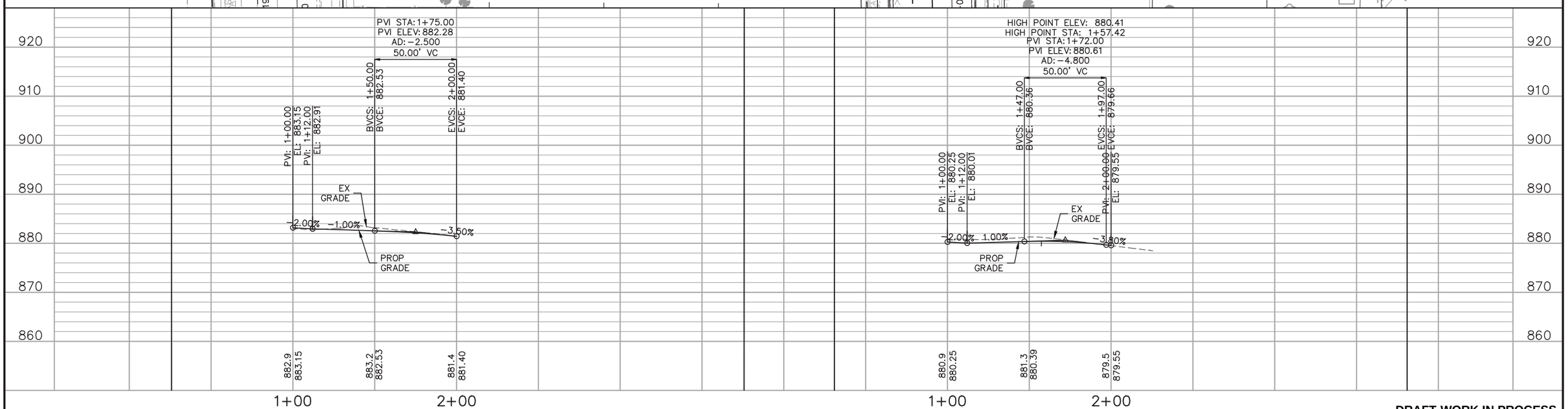
SHEET 216 OF 266

Dec, 04 2015 01:17 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: jpond









DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

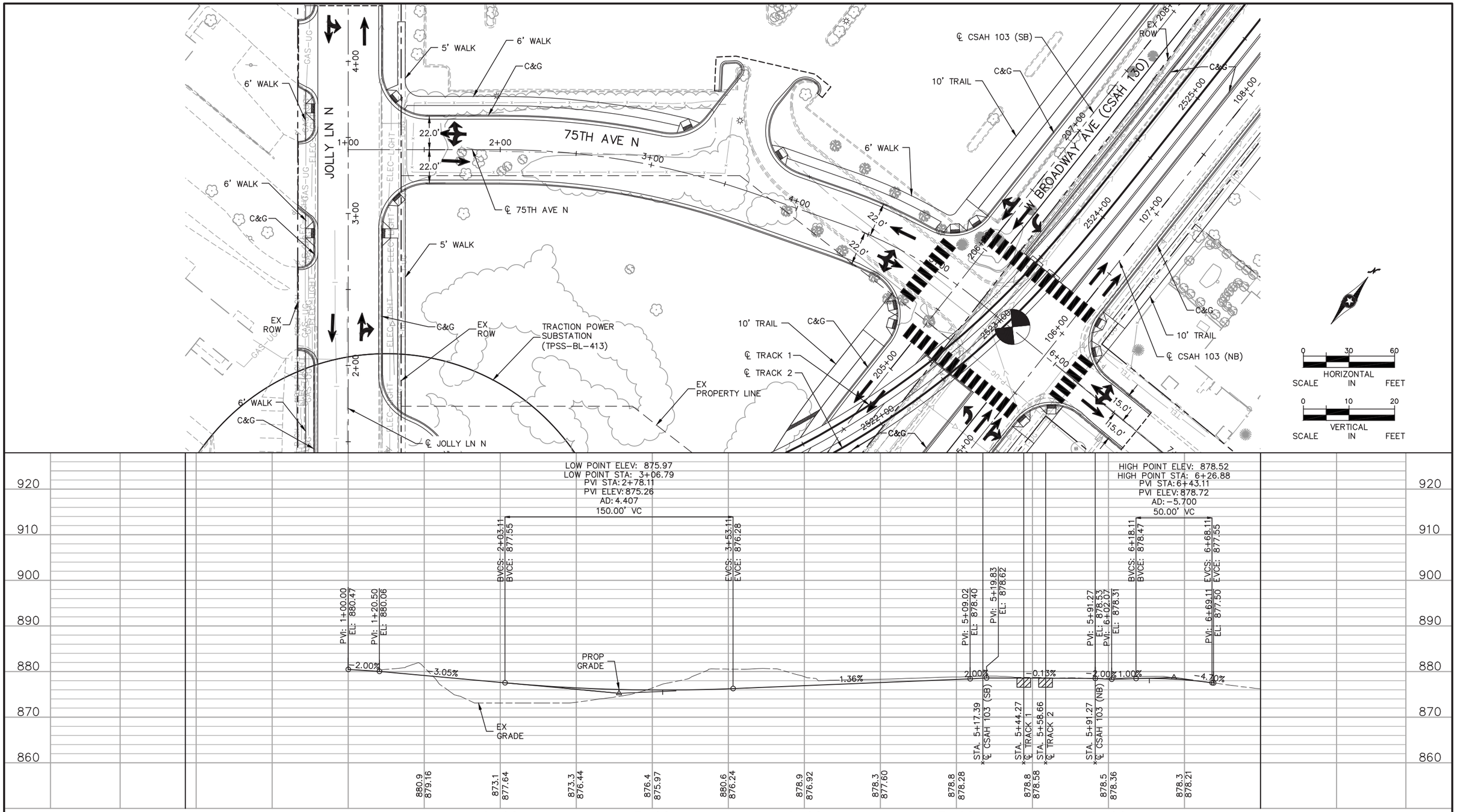
SEGMENT BP
74TH AVE N/74TH WAY N
PLAN AND PROFILE
STA 1+00 TO 3+26; STA 1+00 TO 2+26

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-036

SHEET 217 OF 266

Dec, 08 2015 01:58 pm H:\BP0\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: gstanley



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

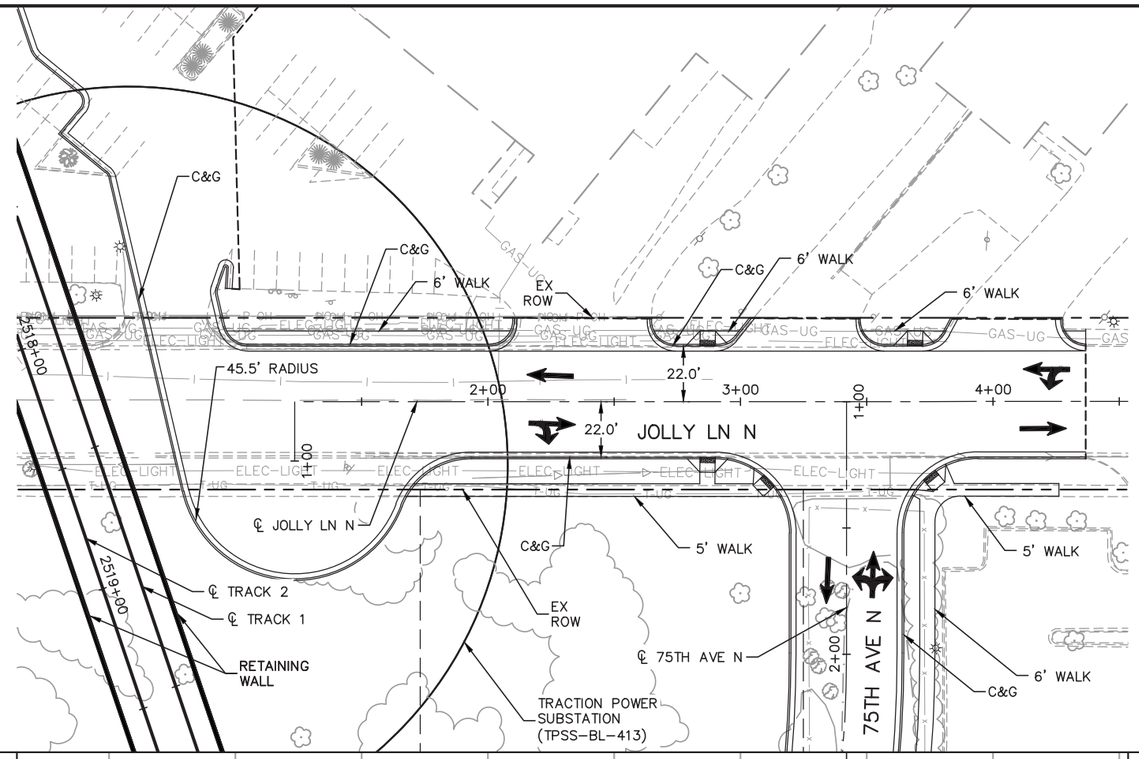
SEGMENT BP
75TH AVE N
PLAN AND PROFILE
STA 1+00 TO STA 7+84

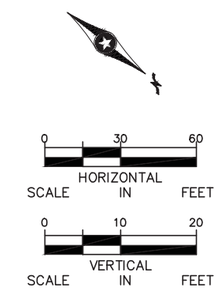
DISCIPLINE: CIVIL

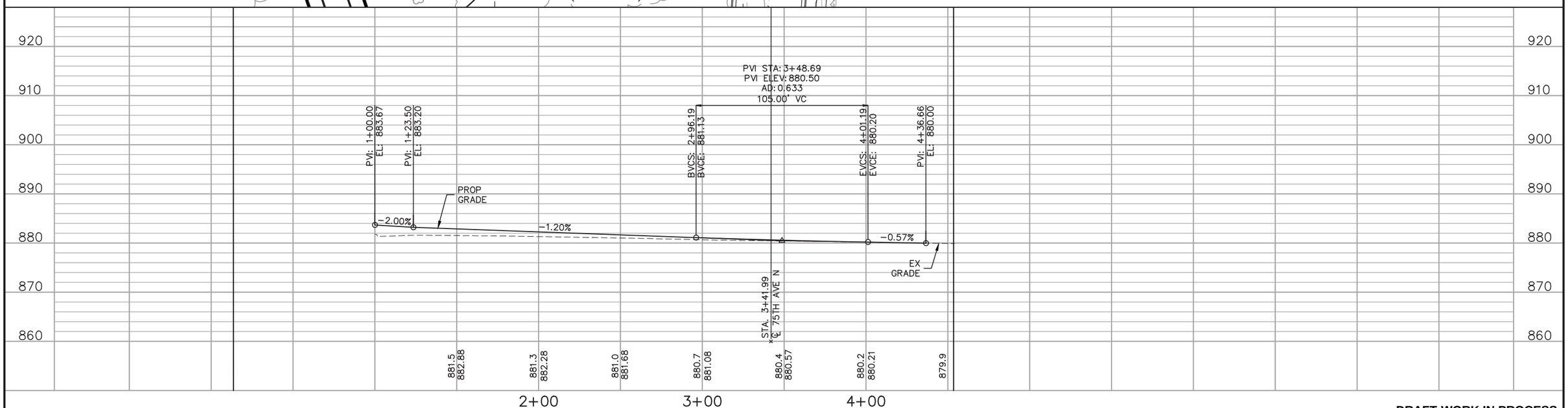
SHEET NAME: BP-CIV-PPFL-035

SHEET 218 OF 266

Dec. 04 2015 01:38 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: jpond







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

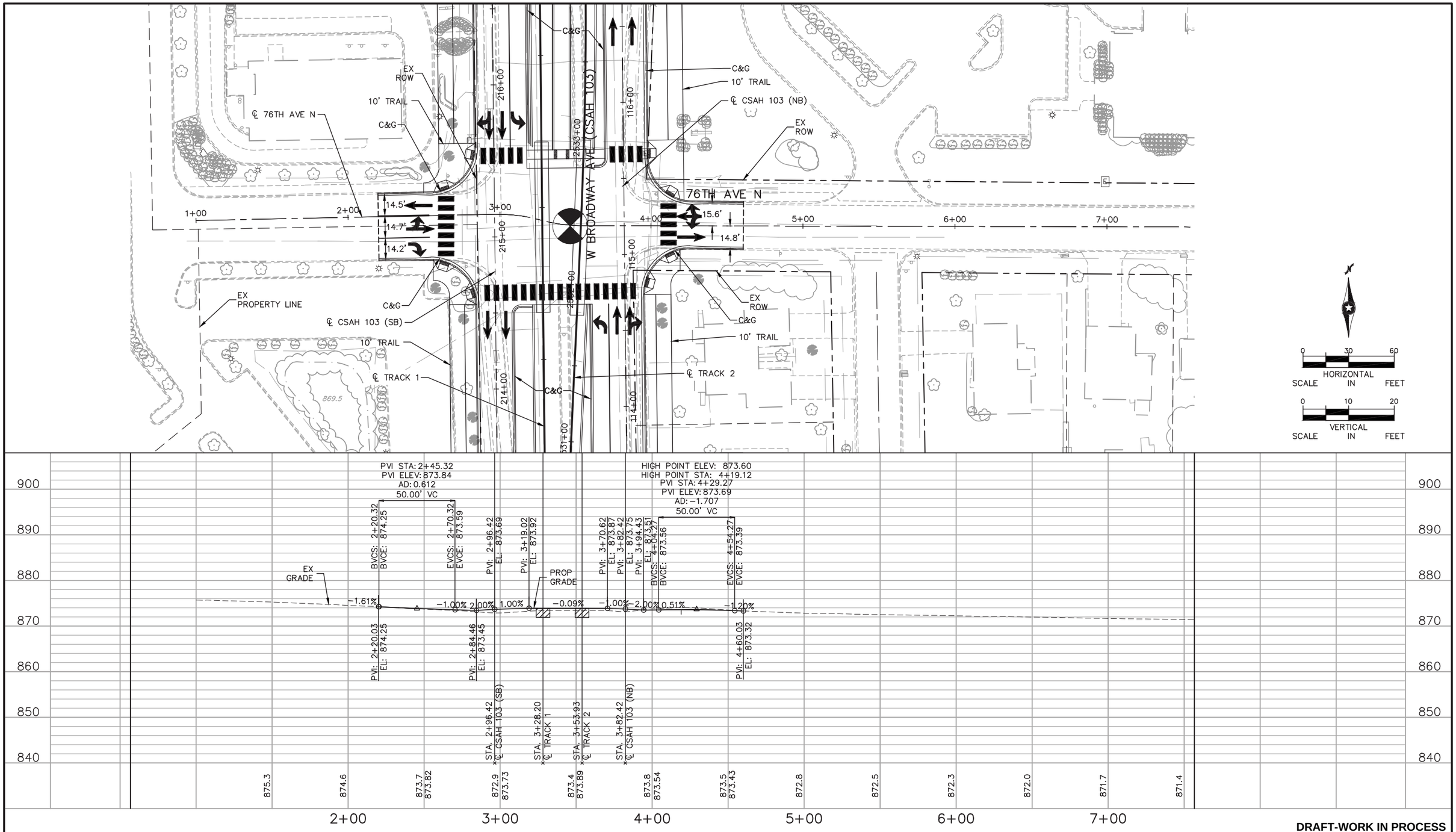
SEGMENT BP
JOLLY LN N
PLAN AND PROFILE
STA 1+00 TO STA 4+54

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-034

SHEET 219 OF 266

Dec, 04 2015 01:39 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: jpond



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

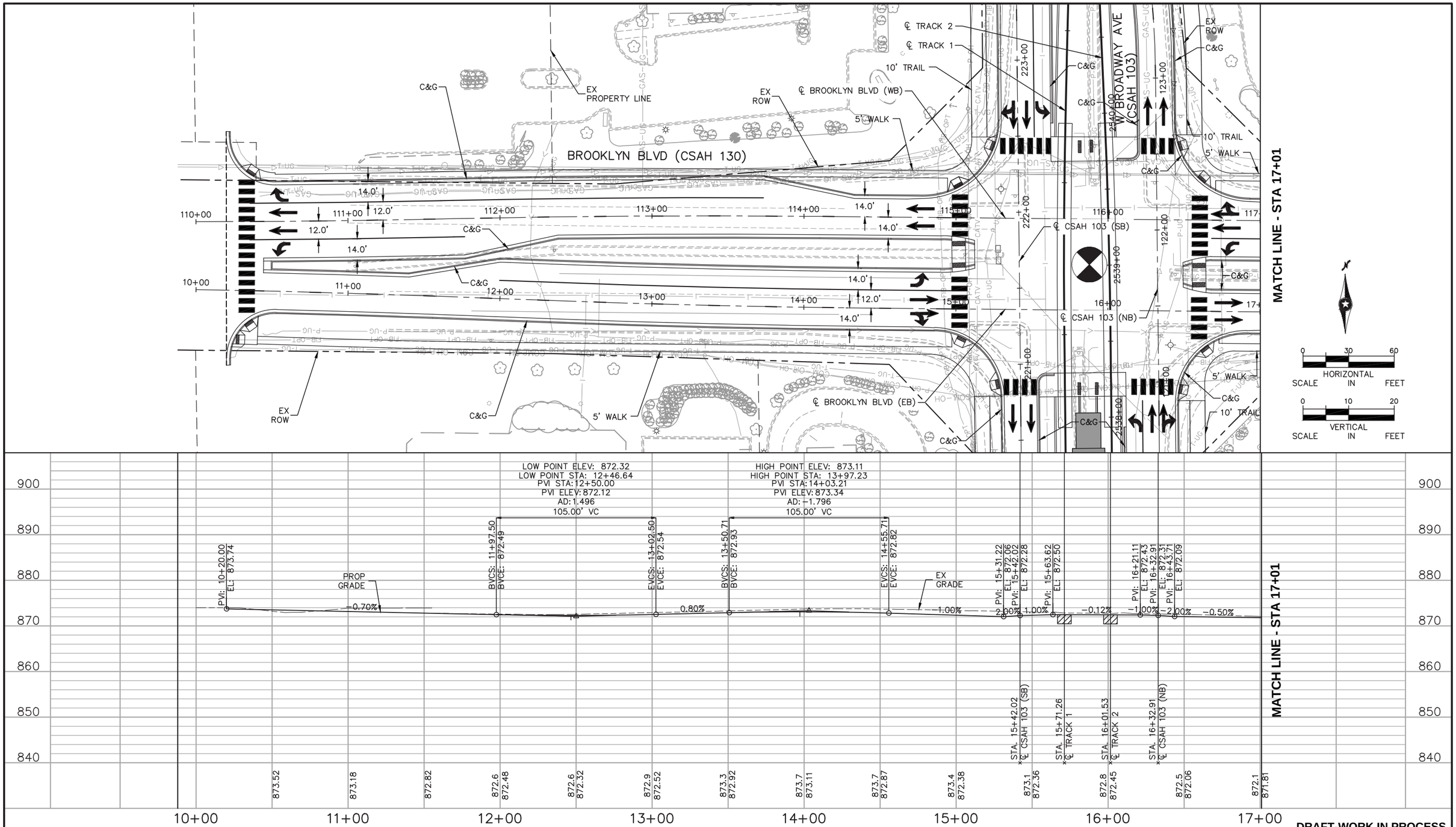
SEGMENT BP
76TH AVE N
PLAN AND PROFILE
STA 1+00 TO STA 7+57

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-037

SHEET 220 OF 266

Dec. 08 2015 02:51 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

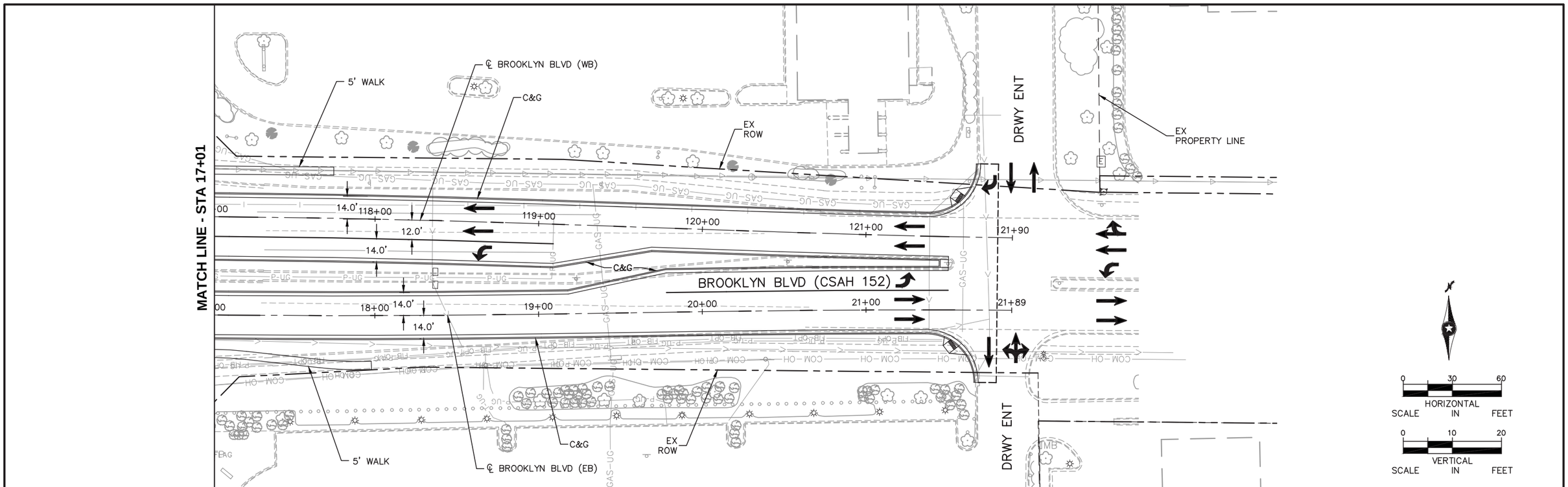
SEGMENT BP
BROOKLYN BLVD (CSAH 130)
PLAN AND PROFILE
STA 10+00 TO STA 17+01

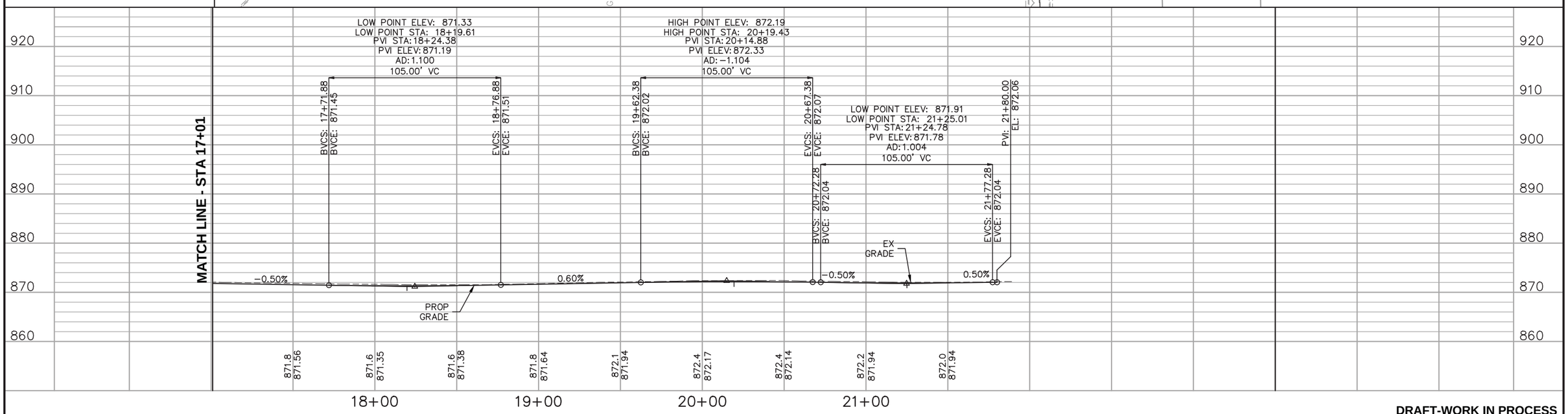
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-038

SHEET 221 OF 266

Dec. 08 2015 02:00 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: gstanley





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

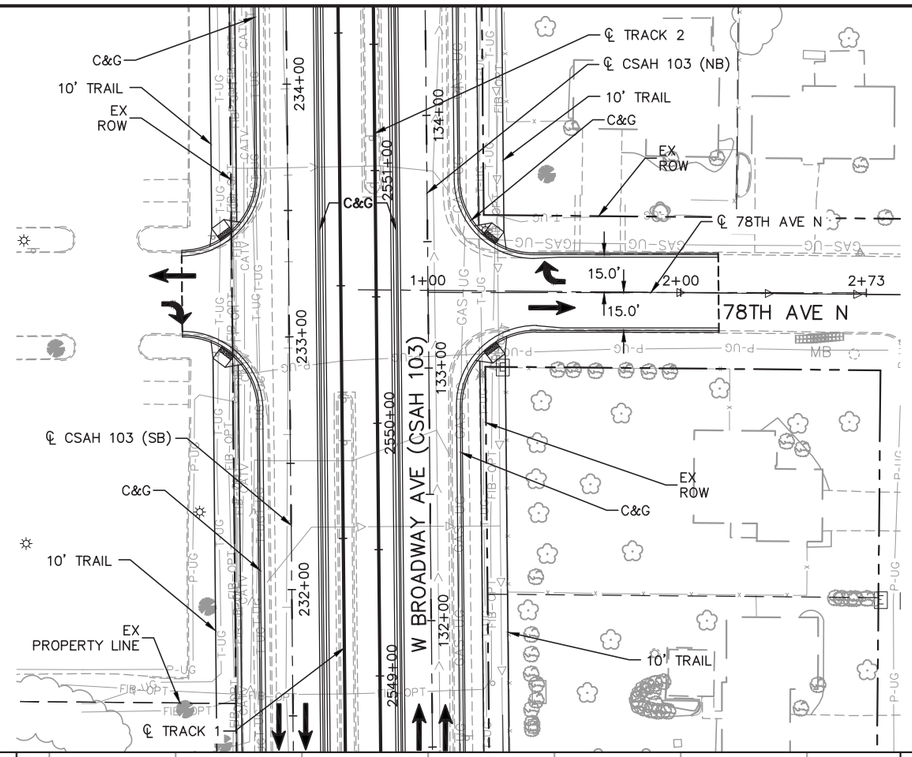
SEGMENT BP
BROOKLYN BLVD (CSAH 152)
PLAN AND PROFILE
STA 17+01 TO STA 21+89

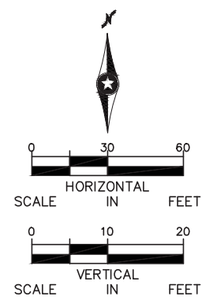
DISCIPLINE: CIVIL

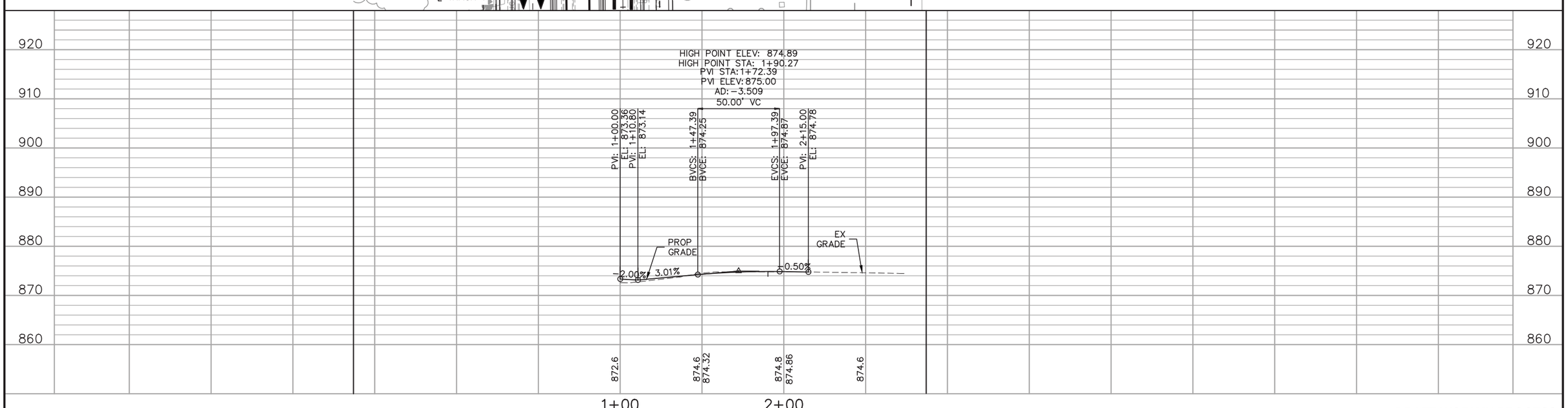
SHEET NAME: BP-CIV-PPFL-039

SHEET 222 OF 266

Dec, 04 2015 01:42 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-BP2-CIV-PPFL.dwg By: jpond







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
78TH AVE N
PLAN AND PROFILE
STA 1+00 TO STA 2+73

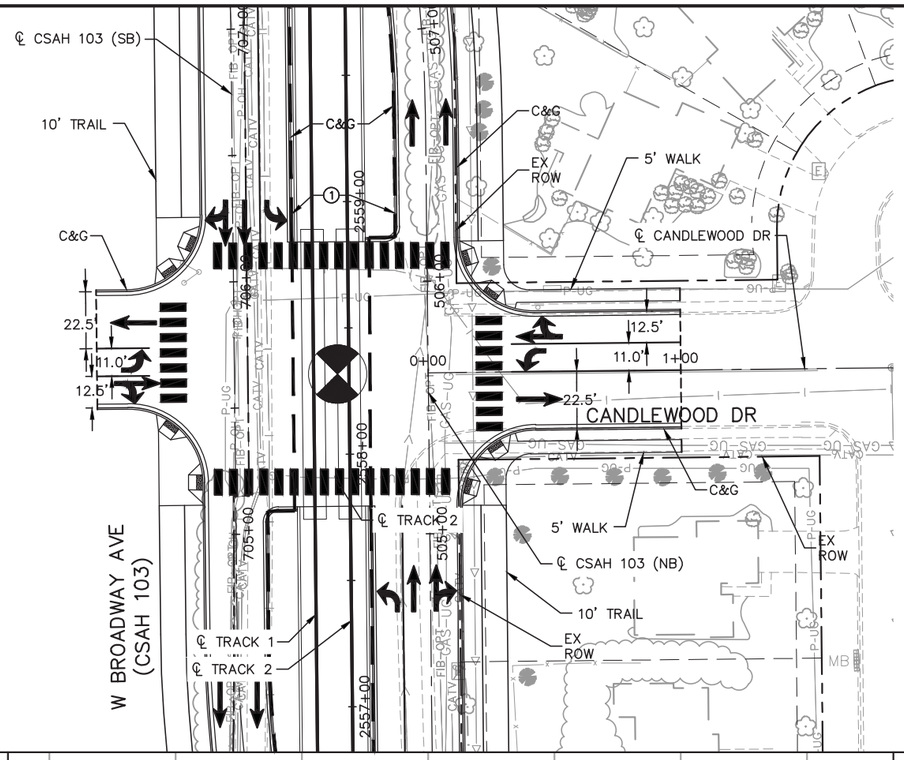
DISCIPLINE: CIVIL

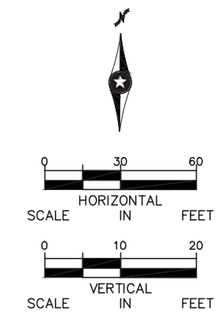
SHEET NAME: BP-CIV-PPFL-040

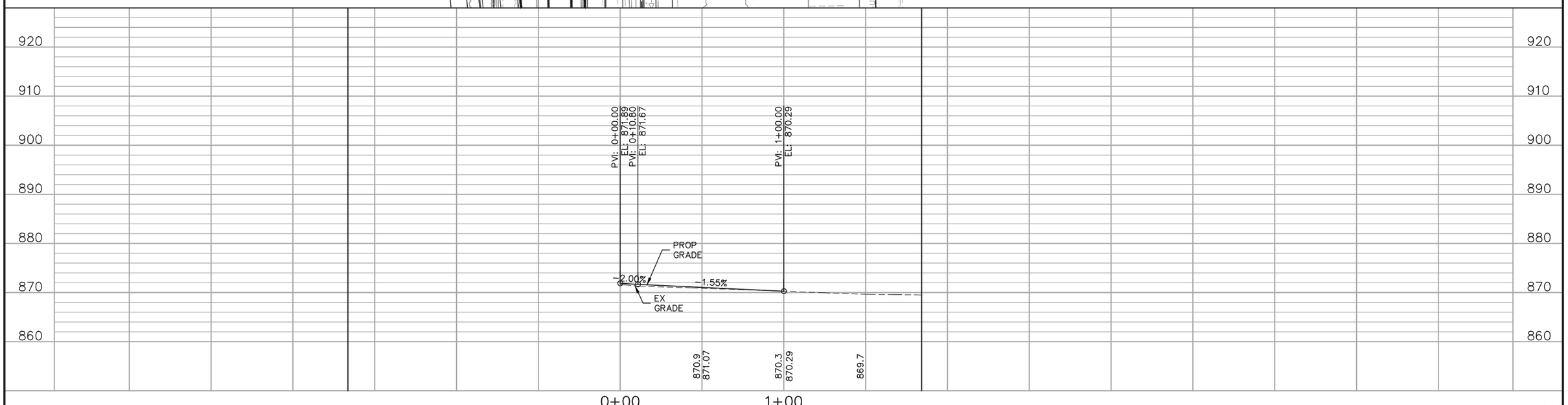
SHEET 223 OF 266

Dec, 04 2015 01:43 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PPFL.dwg By: jpond

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

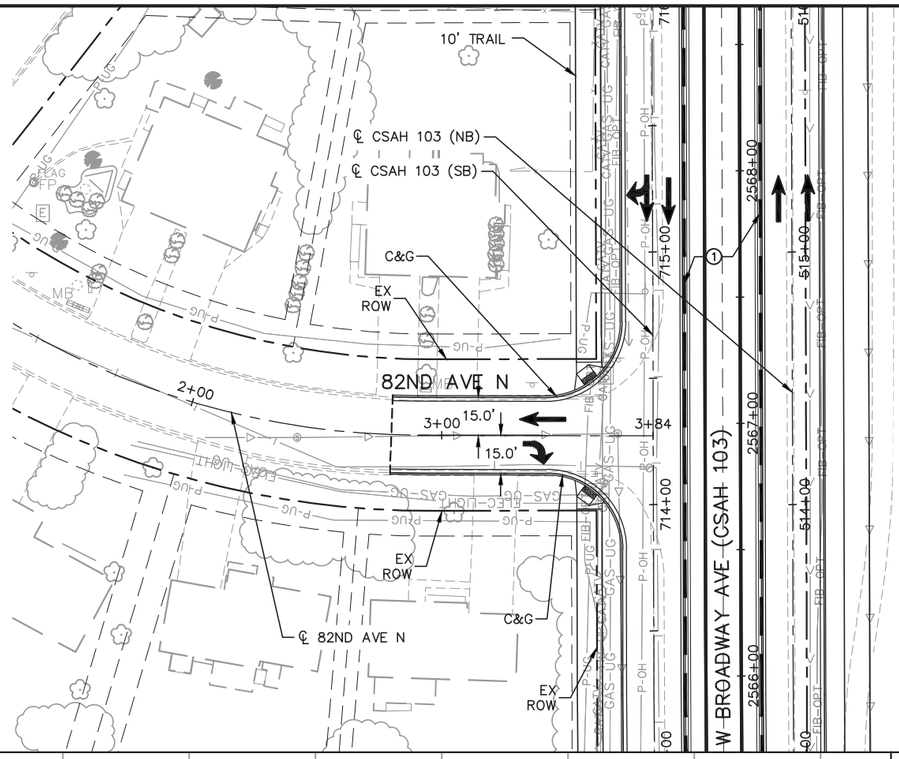
SEGMENT BP
CANDLEWOOD DR
PLAN AND PROFILE
STA 0+00 TO 1+84

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-041

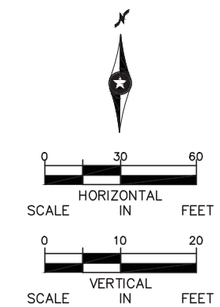
SHEET 224 OF 266

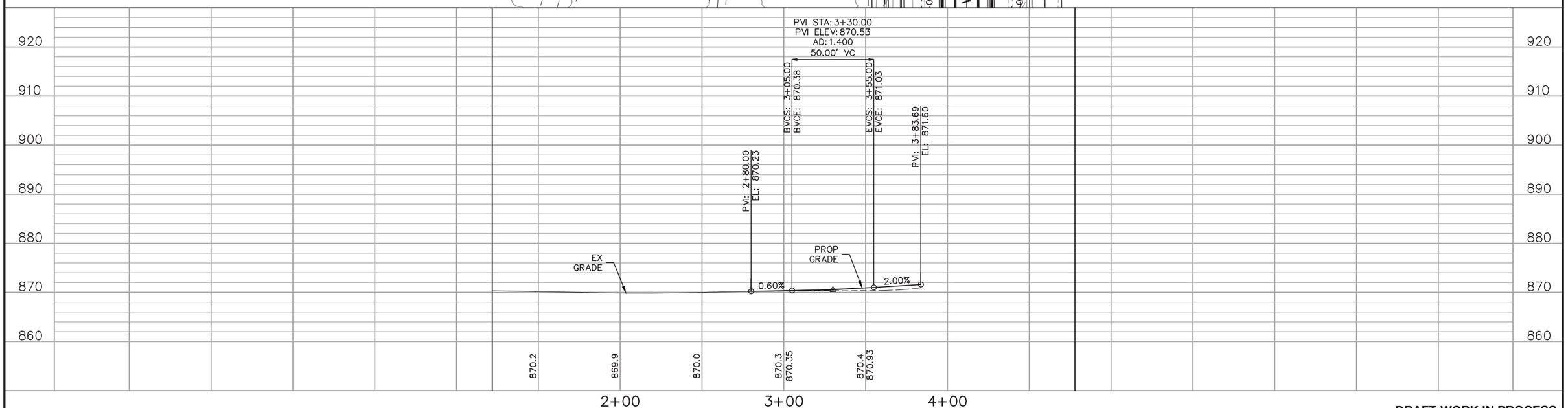
Dec, 07 2015 10:29 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

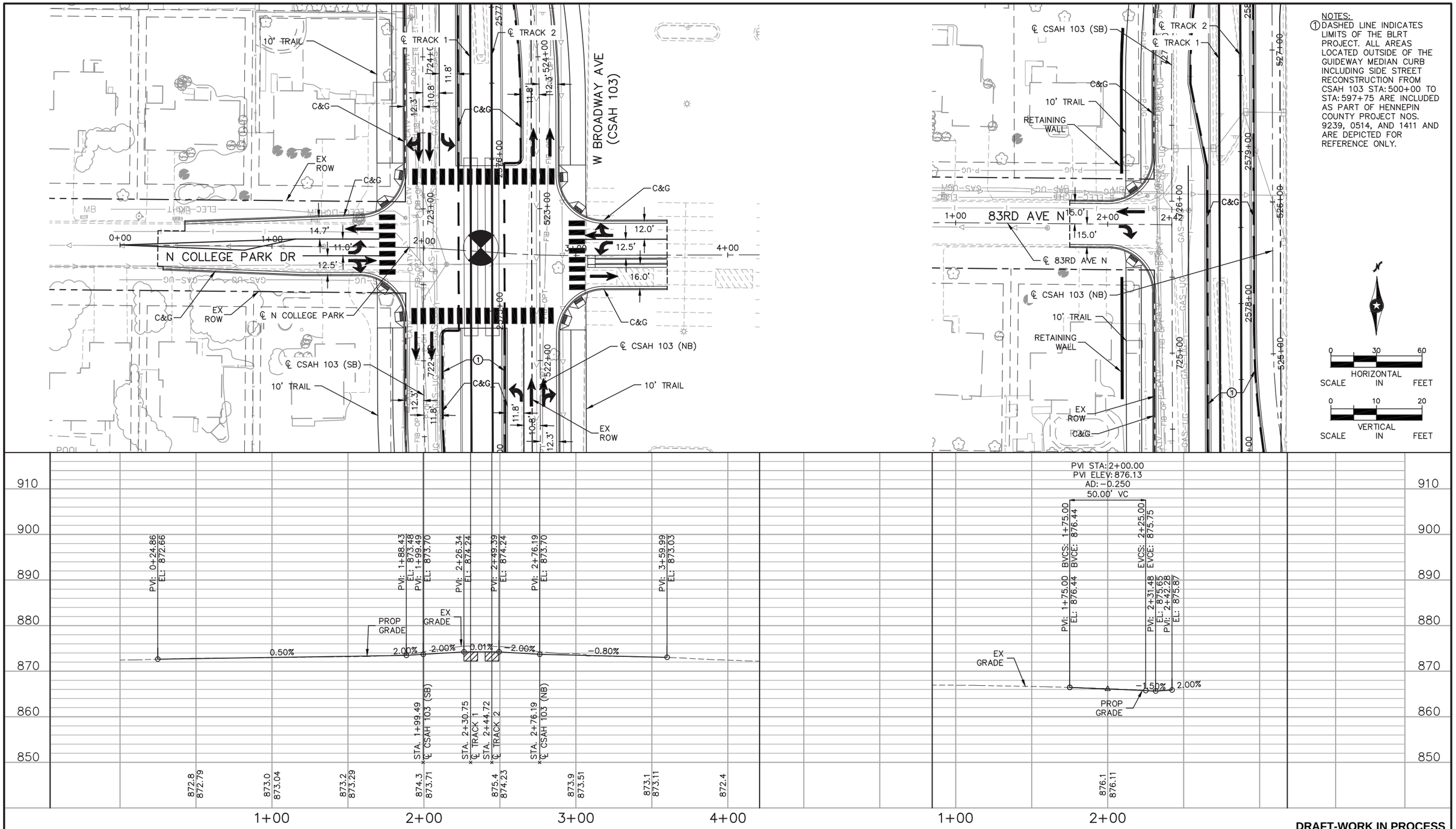
SEGMENT BP
82ND AVE N
PLAN AND PROFILE
STA 1+22 TO 4+11

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-042

SHEET 225 OF 266

Dec, 07 2015 10:30 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
N COLLEGE PARK DR & 83RD AVE N
PLAN AND PROFILE
STA 0+00 TO 4+21; STA 0+85 TO 2+42

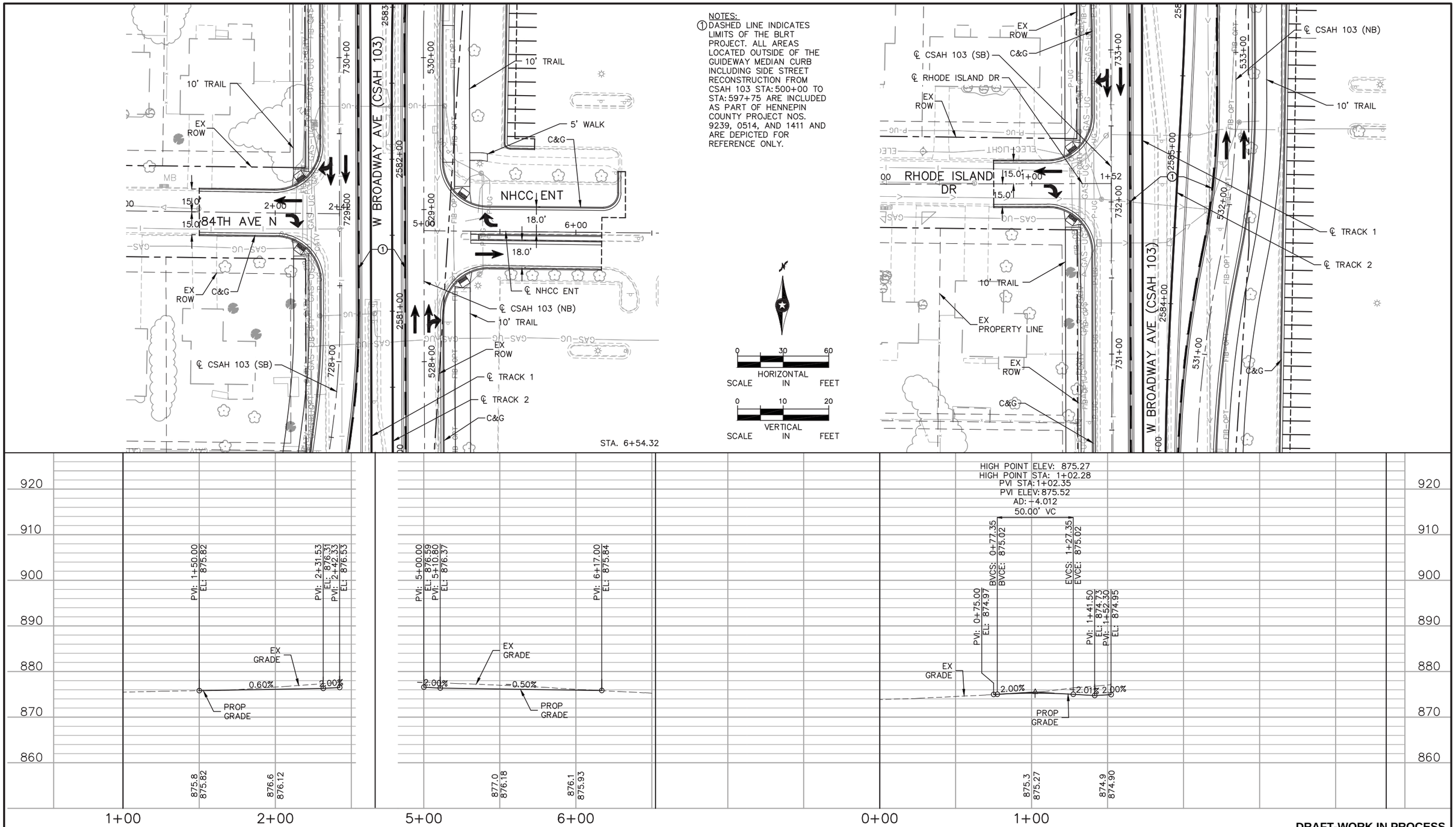
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-043

SHEET 226 OF 266

Dec, 07 2015 10:32 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

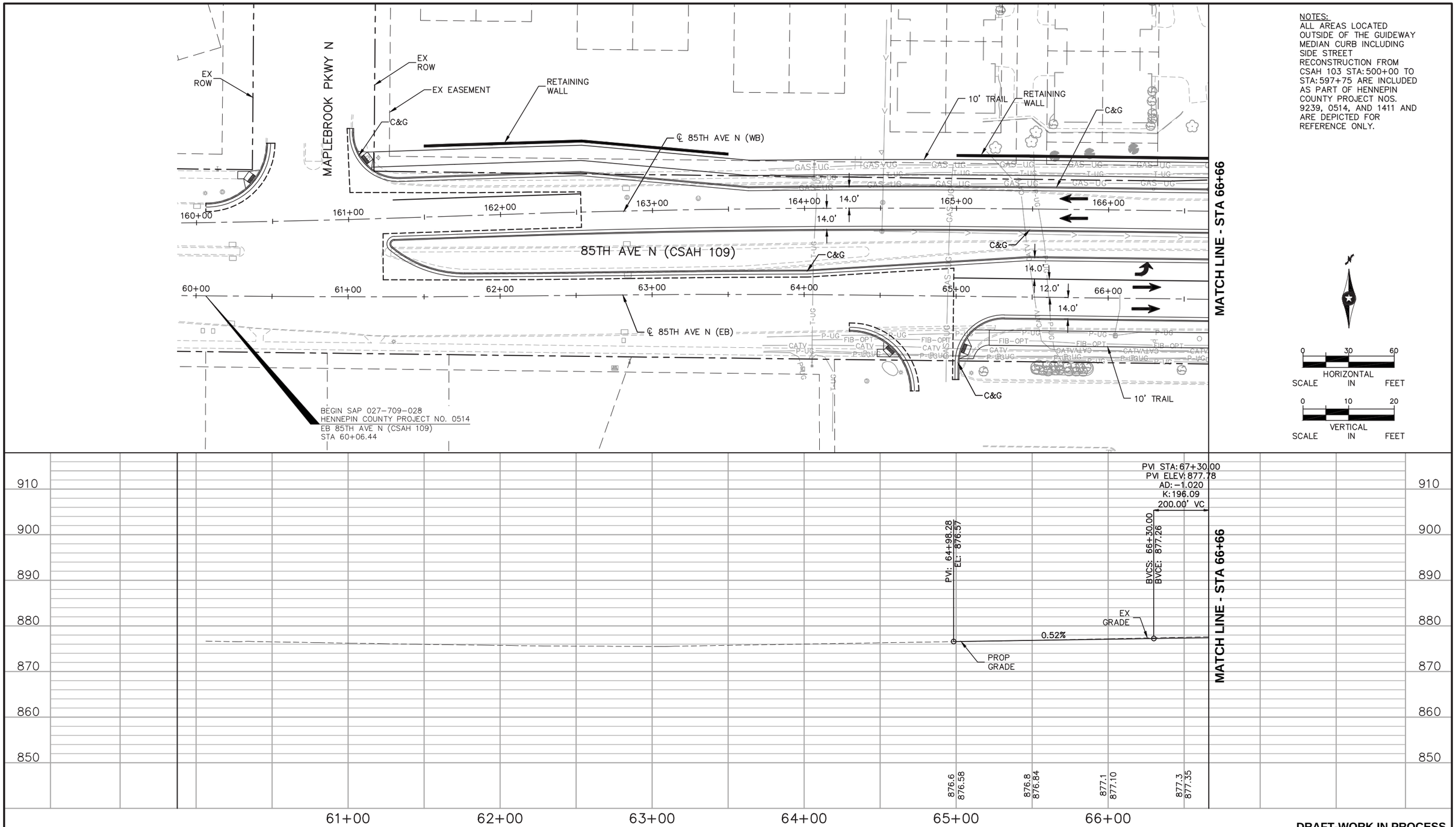
SEGMENT BP
NHCC ENT / RHODE ISLAND DR
PLAN AND PROFILE
STA 1+02 TO 2+42; 5+00 TO 6+54; 0+13 TO 1+52

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-044

SHEET 227 OF 266

Dec, 07 2015 10:35 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. | ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
85TH AVE N (CSAH 109)
PLAN AND PROFILE
STA 60+06 TO 66+66

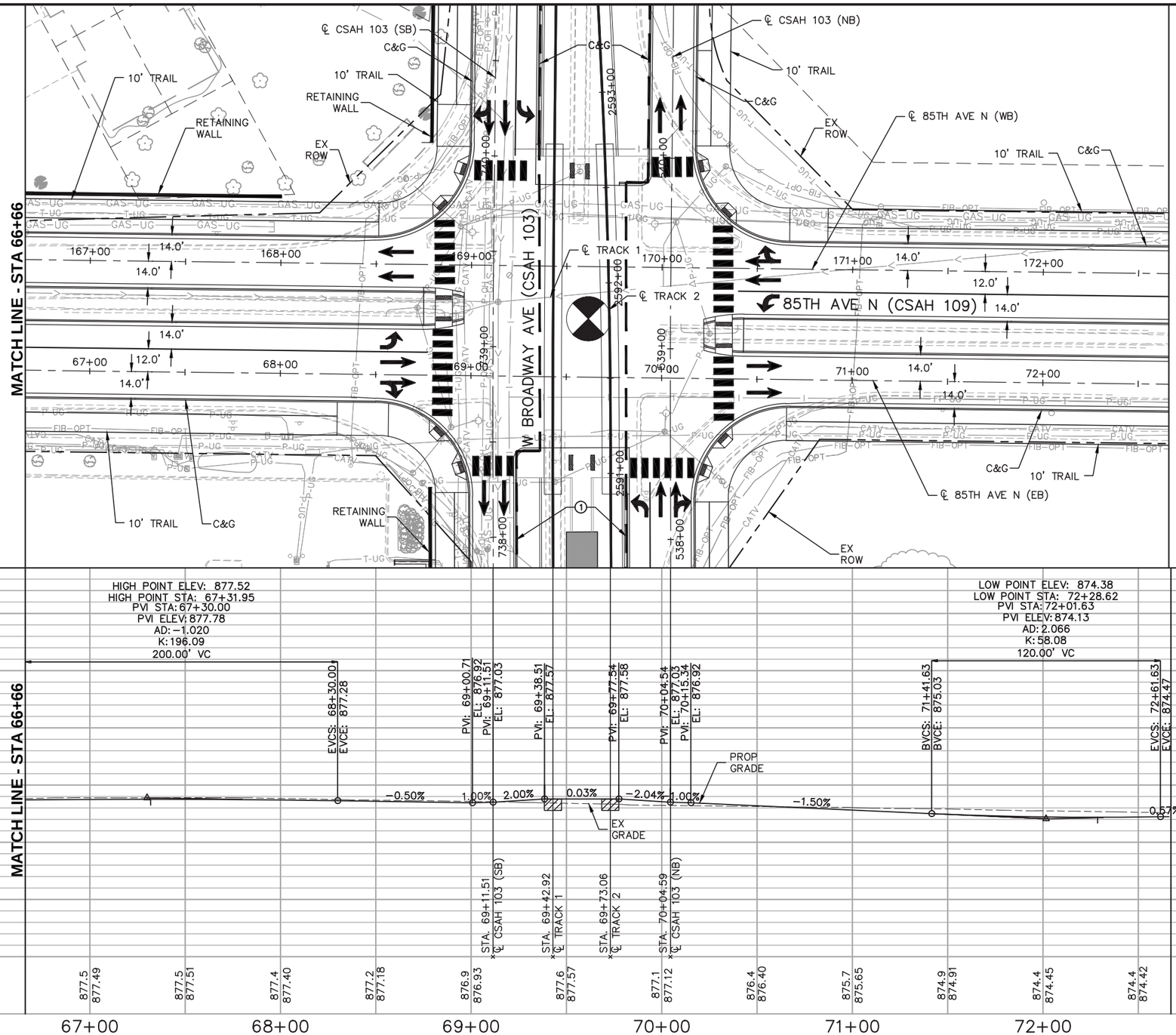
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-046

SHEET 228 OF 266

Dec, 07 2015 10:36 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



SCALE 0 30 60 HORIZONTAL IN FEET

SCALE 0 10 20 VERTICAL IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

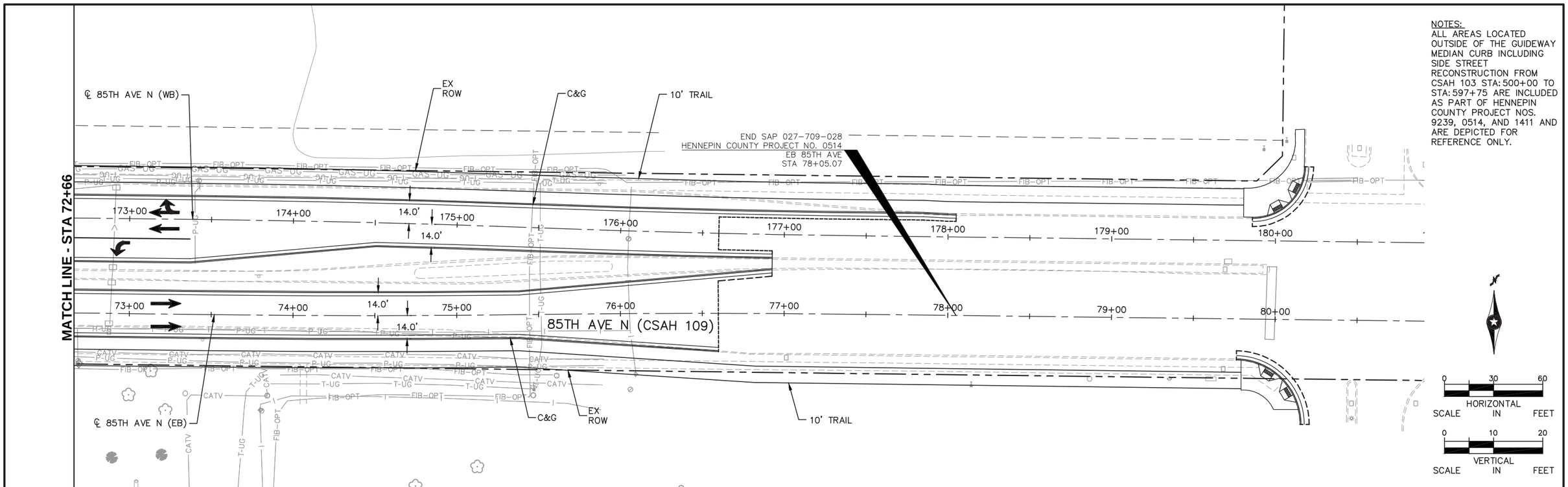
SEGMENT BP
85TH AVE N (CSAH 109)
PLAN AND PROFILE
STA 66+66 TO 72+66

DISCIPLINE: CIVIL

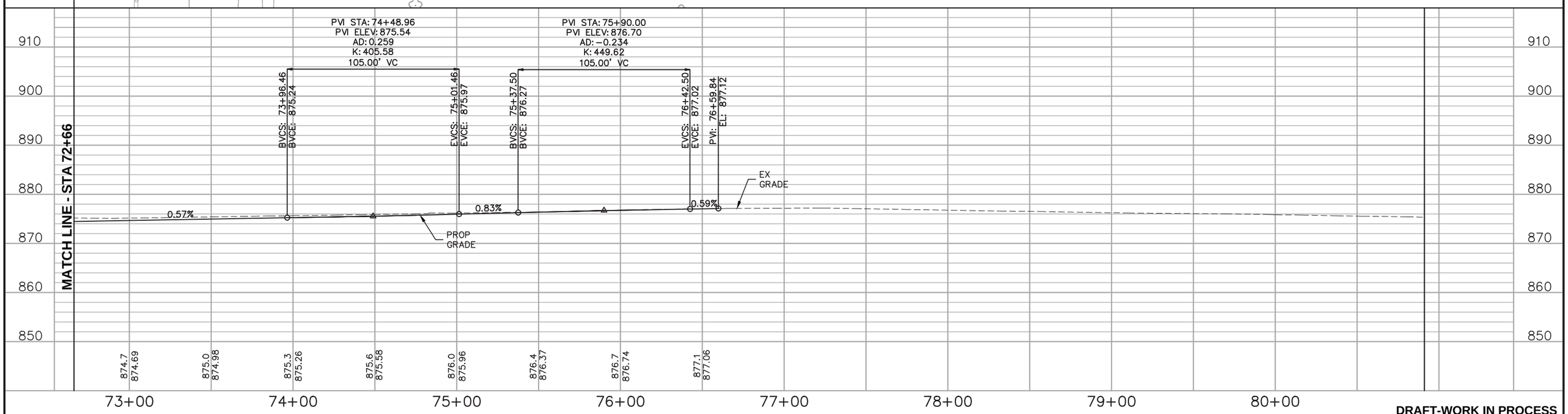
SHEET NAME: BP-CIV-PPFL-047

SHEET 229 OF 266

Dec. 08 2015 02:04 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: gstanley



NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
85TH AVE N (CSAH 109)
PLAN AND PROFILE
STA 72+66 TO 80+91

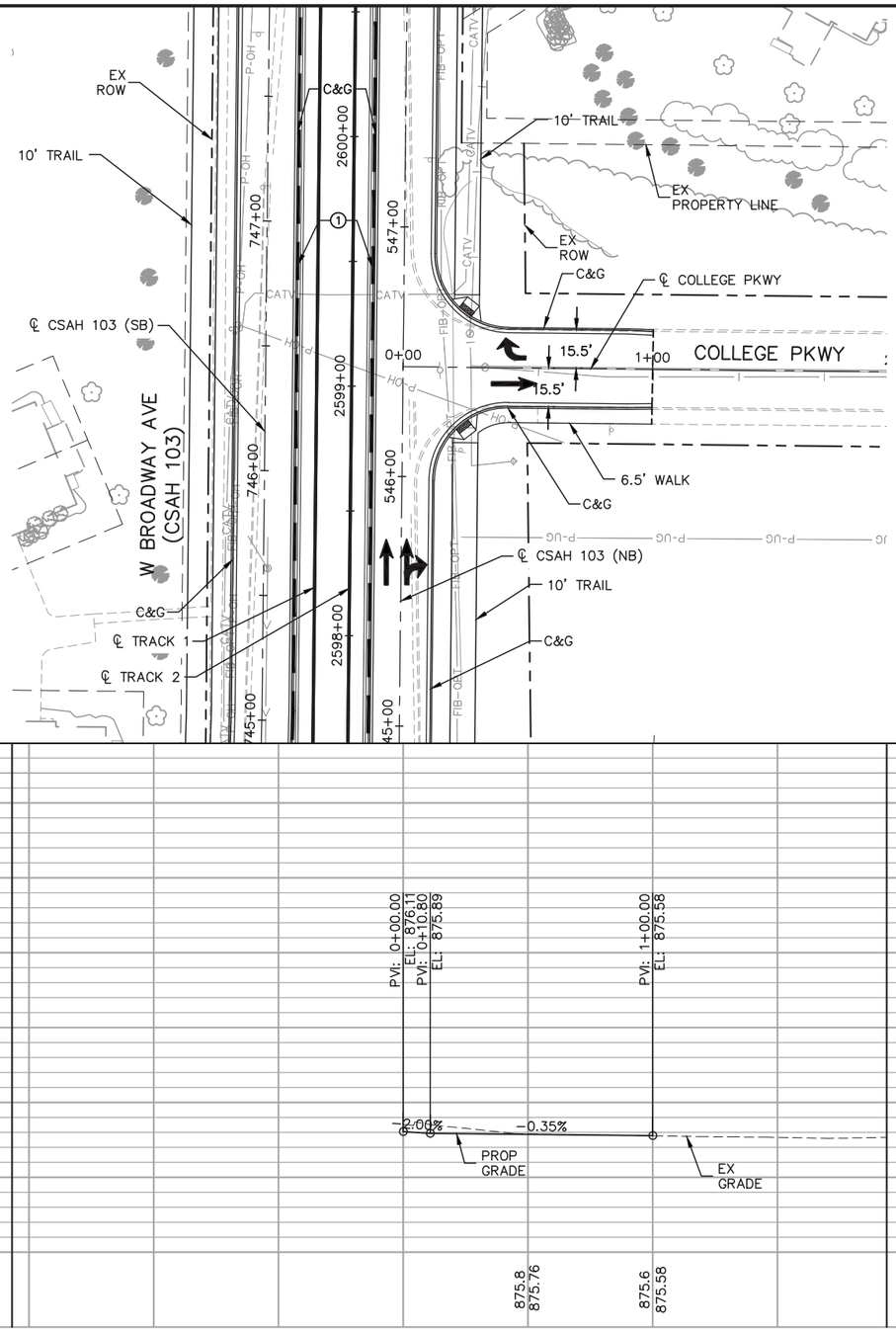
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-048

SHEET 230 OF 266

Dec, 08 2015 02:05 pm H:\BP0\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: gstanley

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



0 30 60
HORIZONTAL SCALE IN FEET

0 10 20
VERTICAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension Bottineau LRT

Hennepin

Metropolitan Council

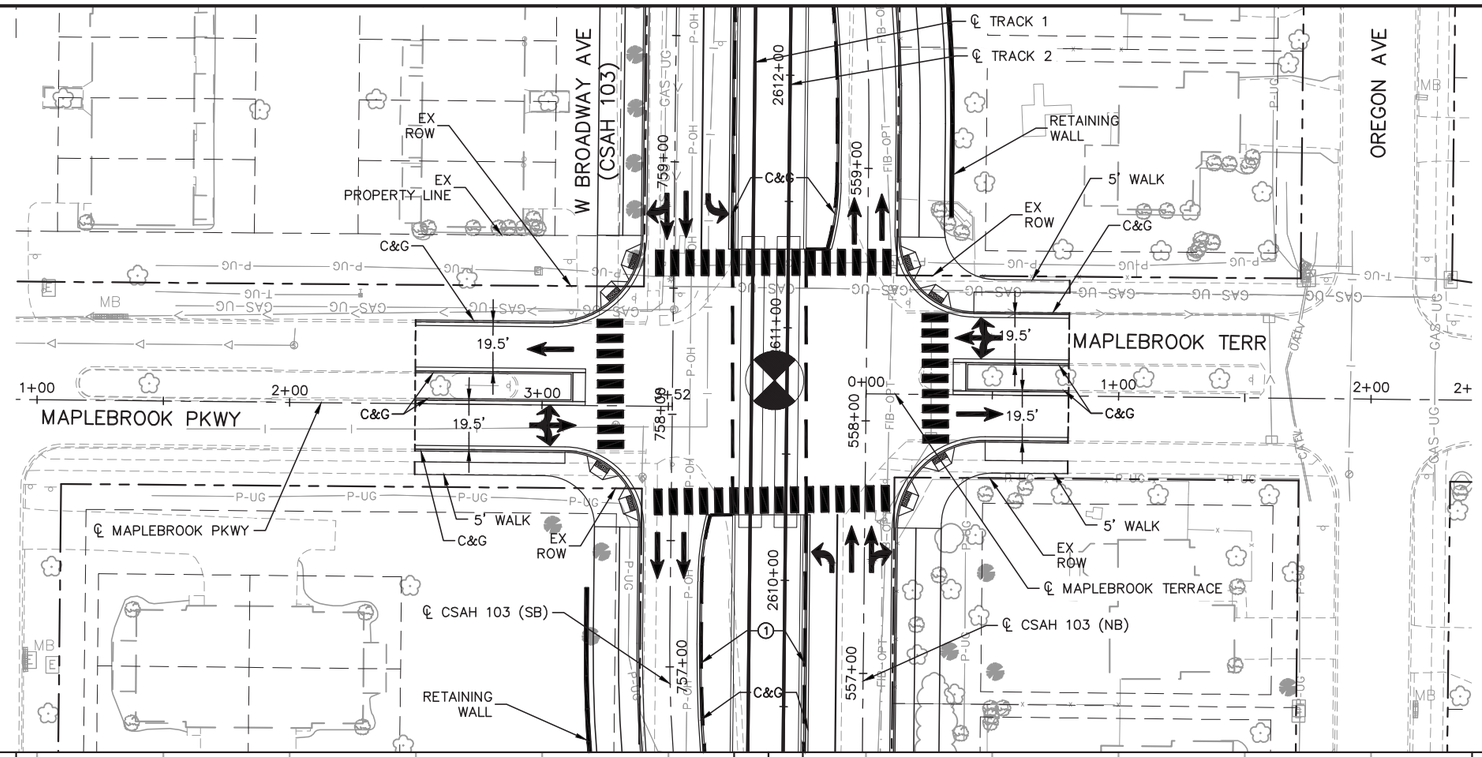
SEGMENT BP
COLLEGE PKWY
PLAN AND PROFILE
STA 0+00 TO 1+94

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-049

SHEET 231 OF 266

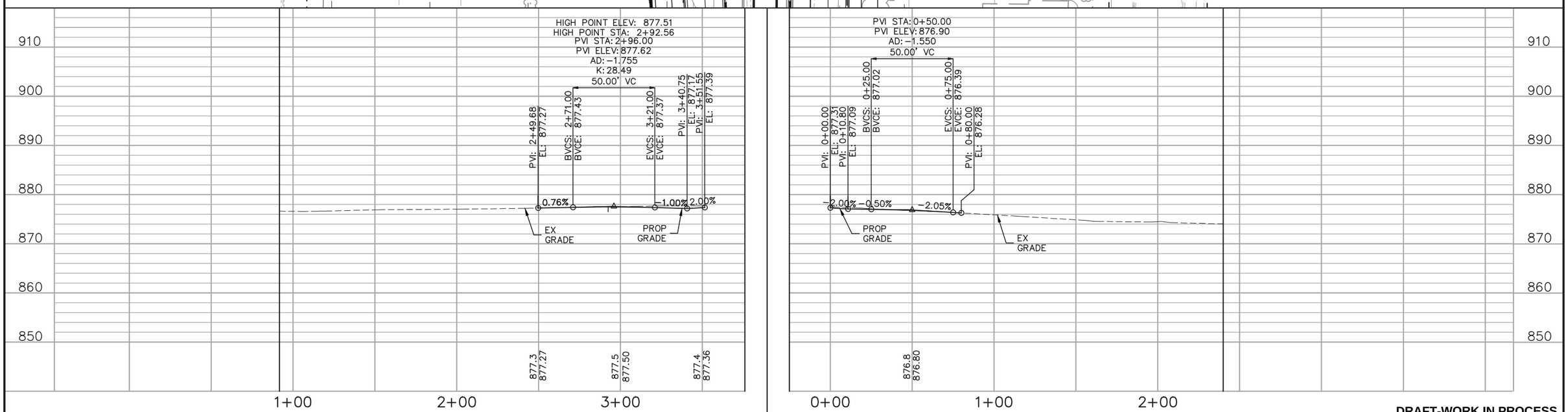
Dec, 07 2015 10:40 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh



NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

SCALE IN FEET HORIZONTAL: 0 30 60

SCALE IN FEET VERTICAL: 0 10 20



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

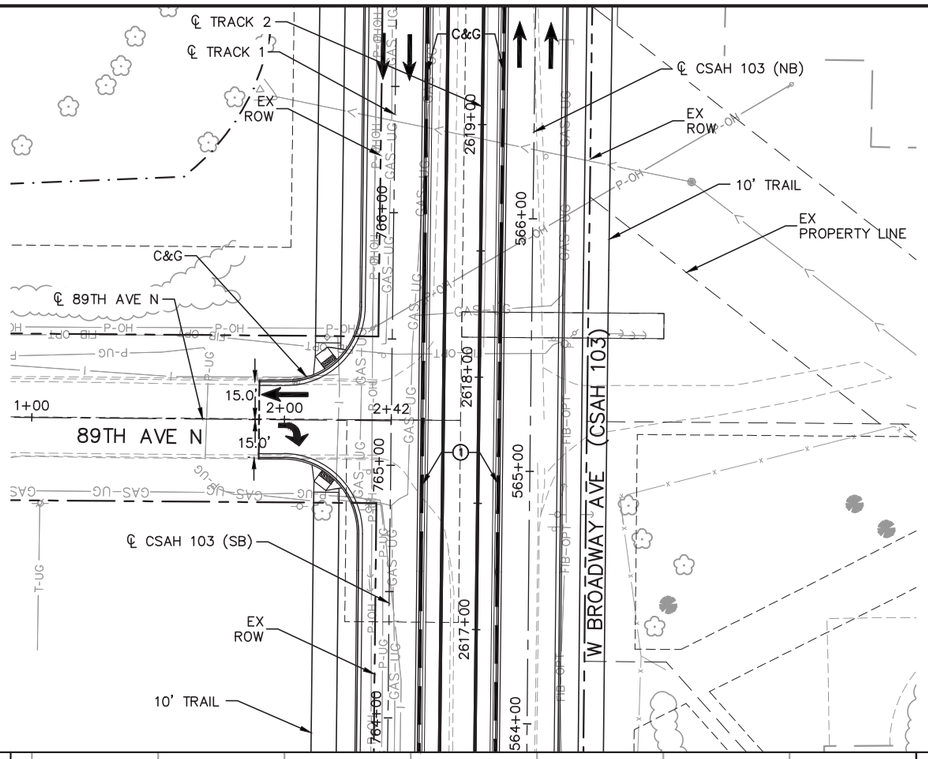
SEGMENT BP
MAPLEBROOK PKWY / MAPLEBROOK TERR
PLAN AND PROFILE
STA 0+92 TO STA 3+52; STA 0+00 TO STA 2+40

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-050

SHEET 232 OF 266

Dec, 07 2015 10:42 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

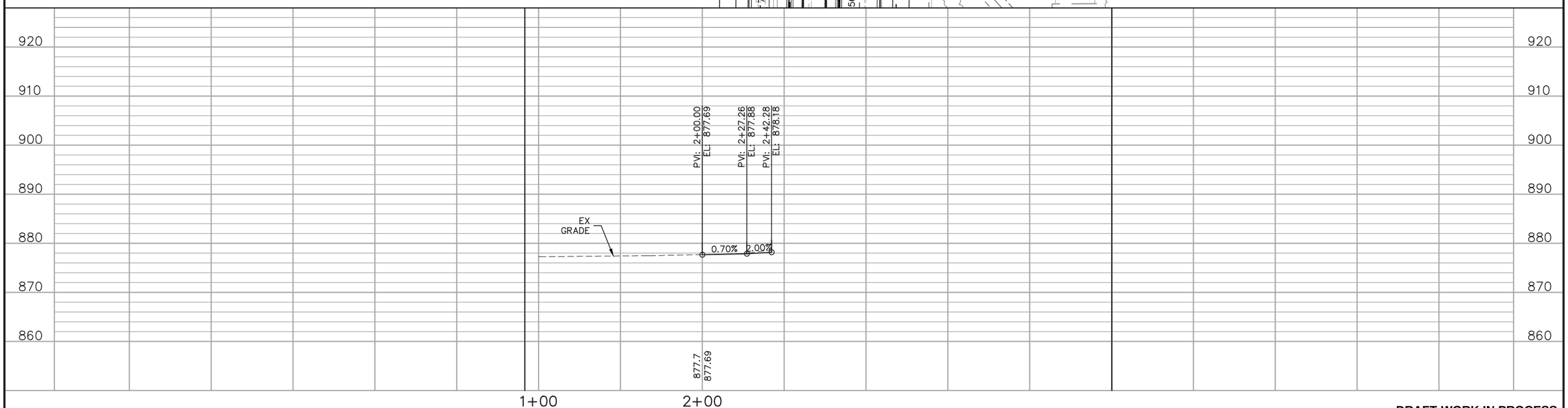


NOTES:

1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

SCALE HORIZONTAL IN FEET: 0 30 60

SCALE VERTICAL IN FEET: 0 10 20



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
89TH AVE N
PLAN AND PROFILE
STA 1+00 TO 2+42

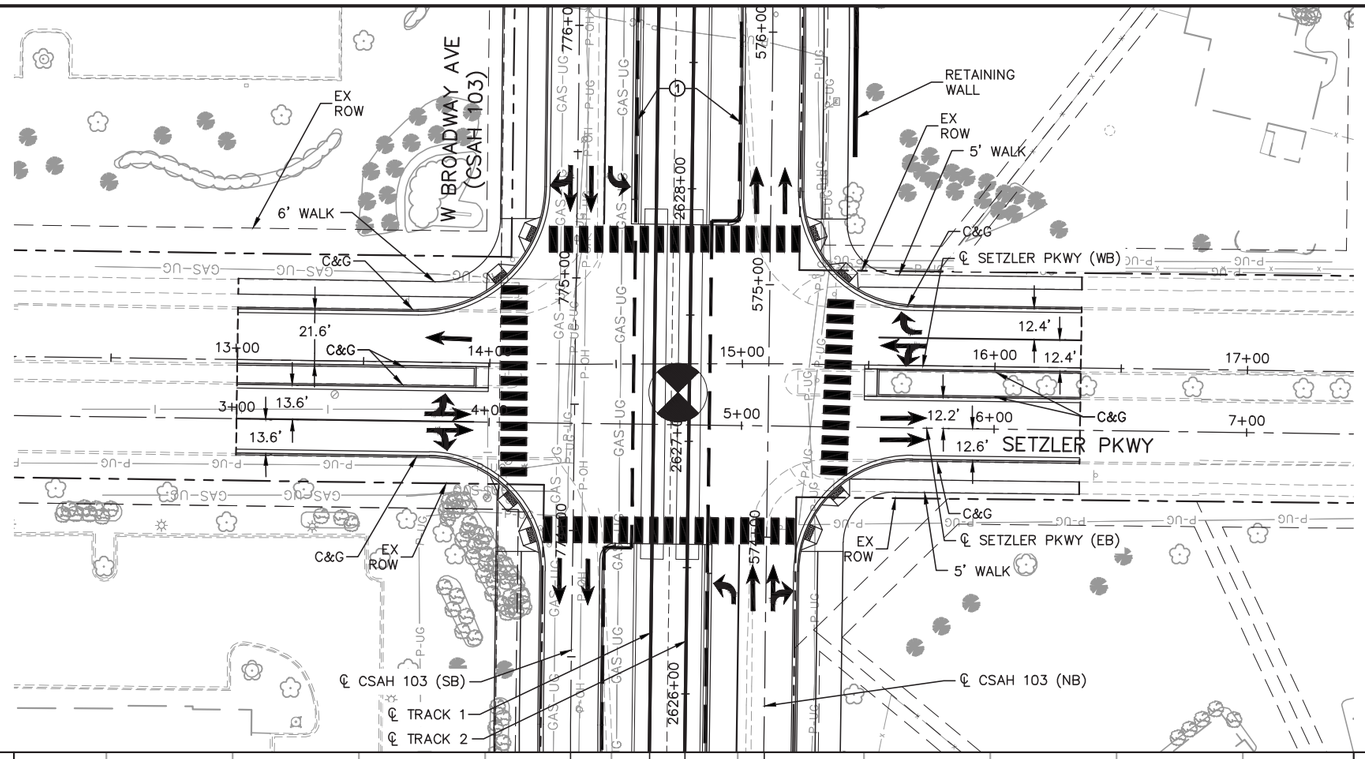
DISCIPLINE: CIVIL

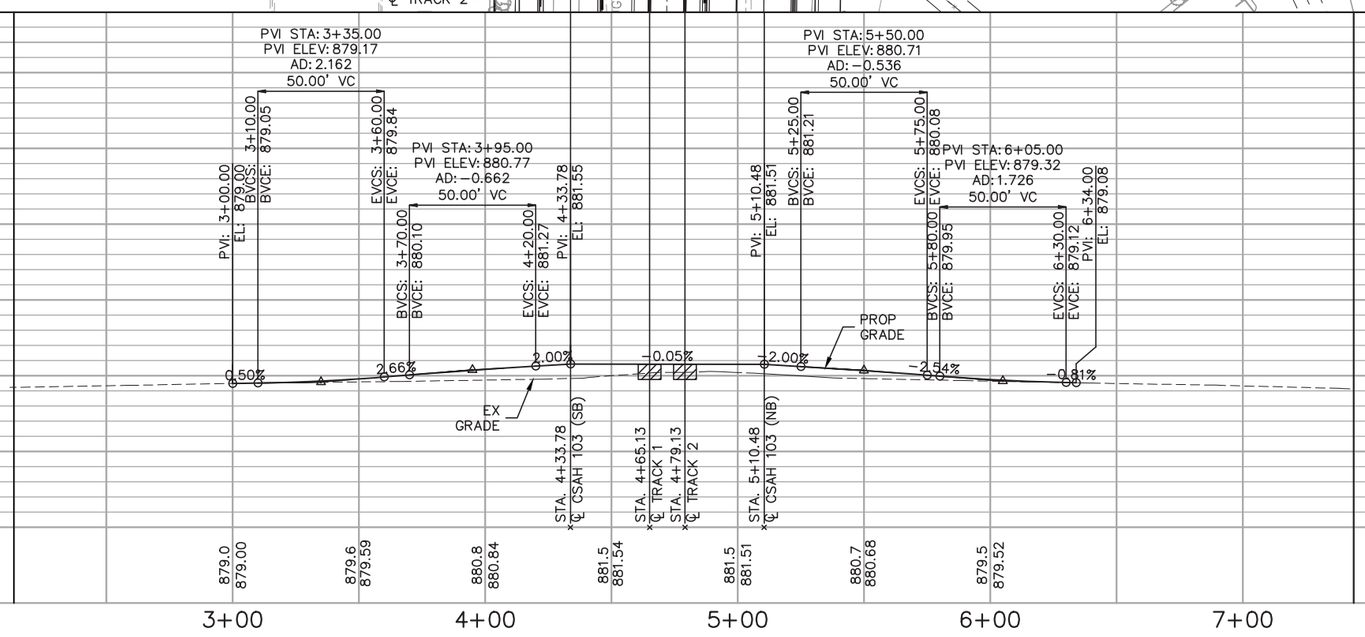
SHEET NAME: BP-CIV-PPFL-051

SHEET 233 OF 266

Dec, 07 2015 10:43 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
SETZLER PKWY
PLAN AND PROFILE
STA 3+02 TO 6+52

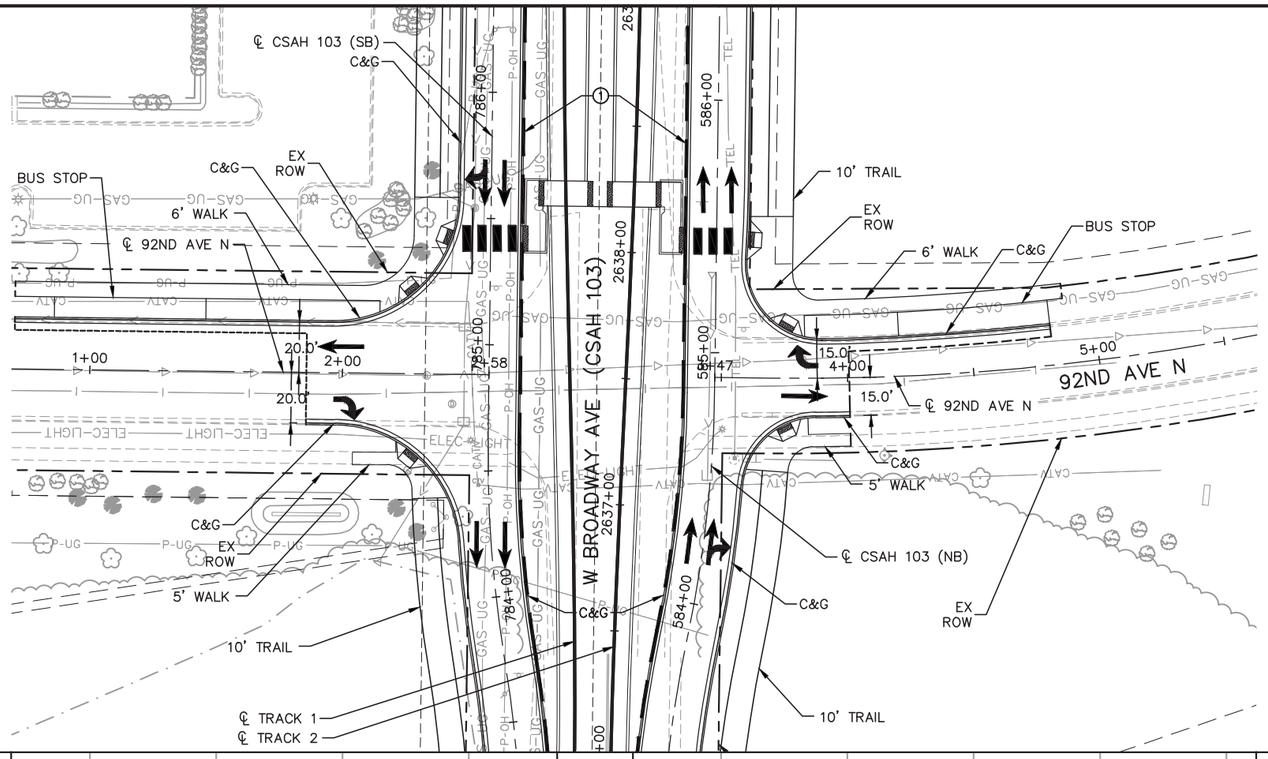
DISCIPLINE: CIVIL

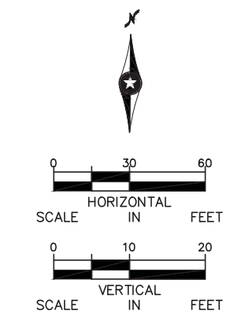
SHEET NAME: BP-CIV-PPFL-052

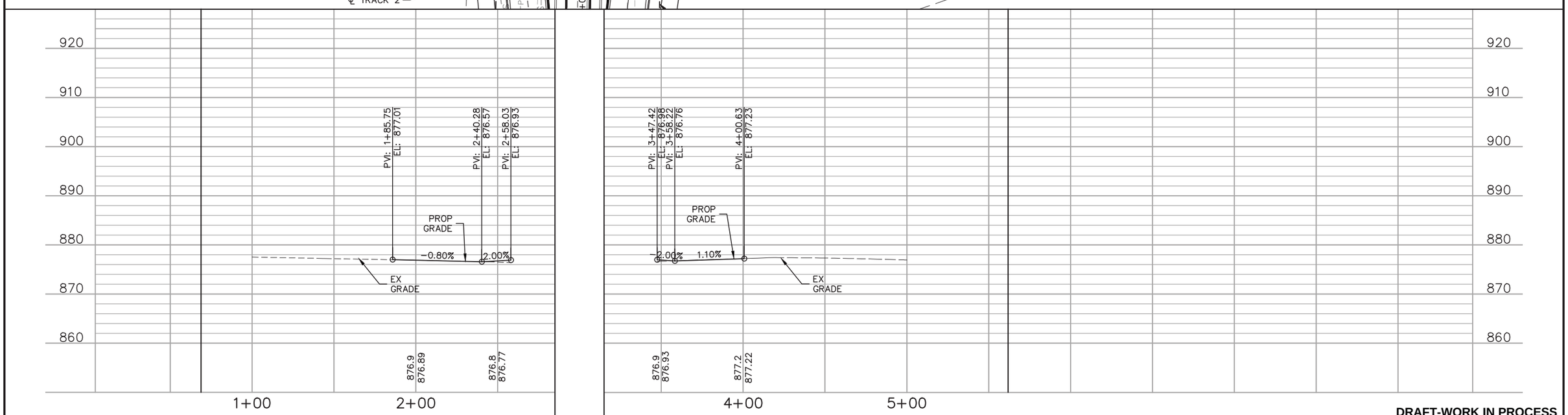
SHEET 234 OF 266

Dec, 07 2015 10:44 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

NOTES:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.







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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
92ND AVE N
PLAN AND PROFILE
STA 0+69 TO STA 2+58; STA 3+47 TO STA 5+63

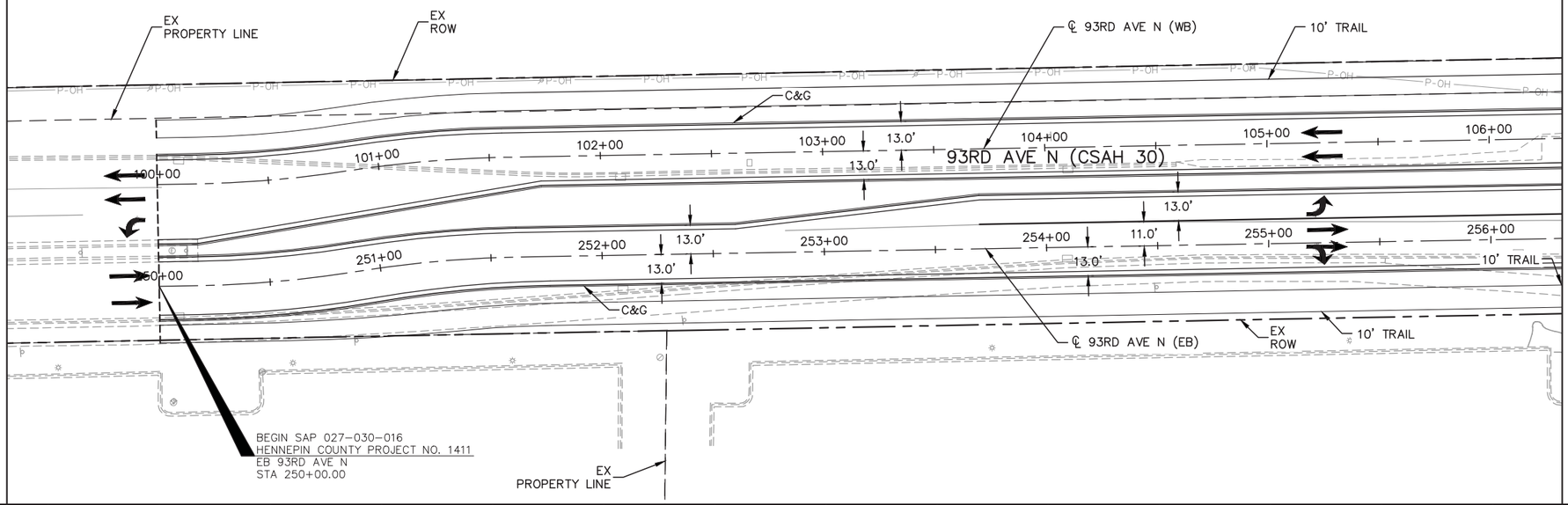
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-053

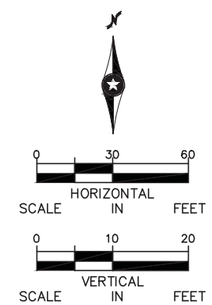
SHEET 235 OF 266

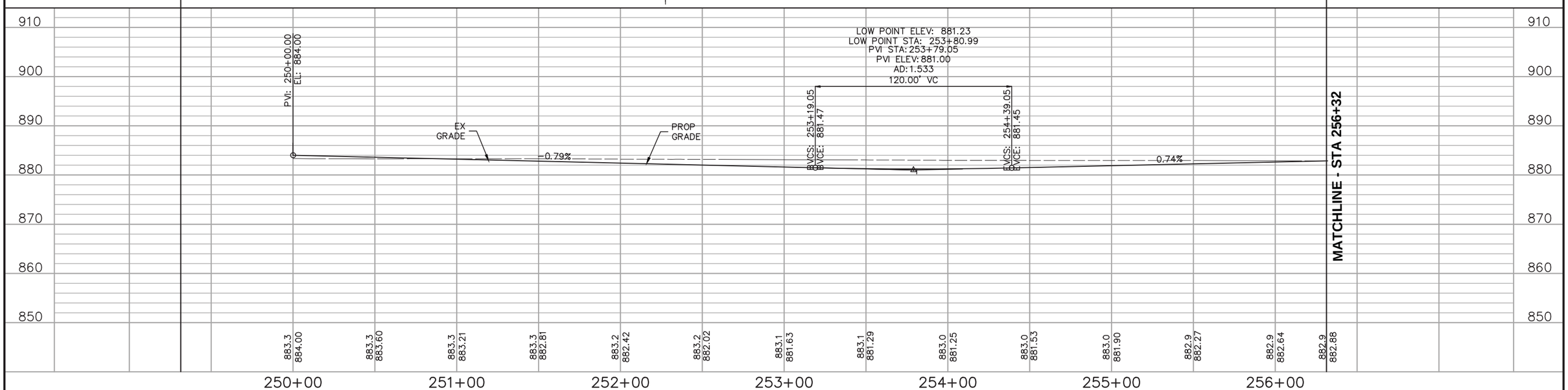
Dec, 07 2015 10:46 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL.dwg By: mhuynh

NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



MATCHLINE - STA 256+32





MATCHLINE - STA 256+32

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
93RD AVE N (CSAH 30)
PLAN AND PROFILE
STA 250+00 TO STA 256+32

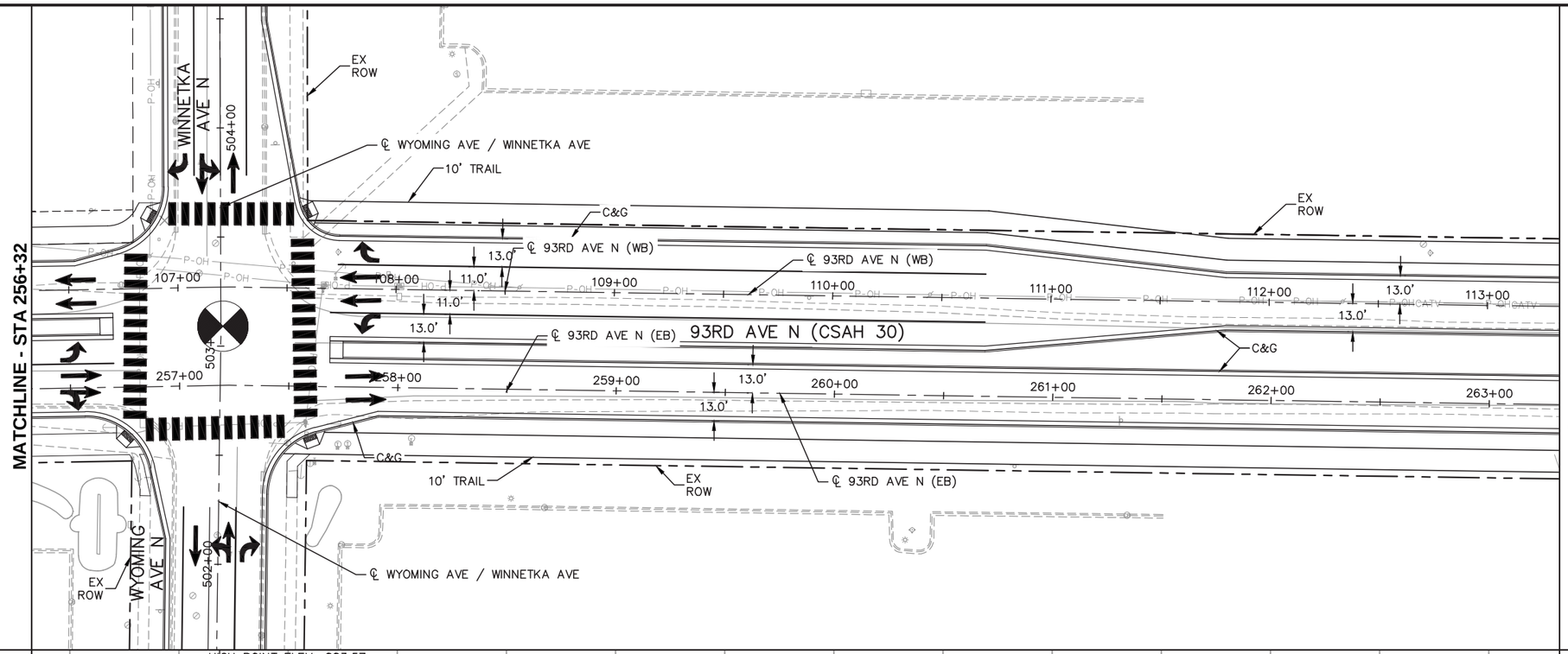
DISCIPLINE: CIVIL

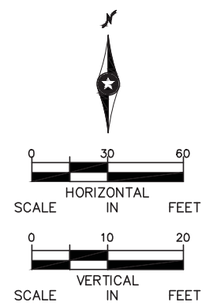
SHEET NAME: BP-CIV-PPFL-054

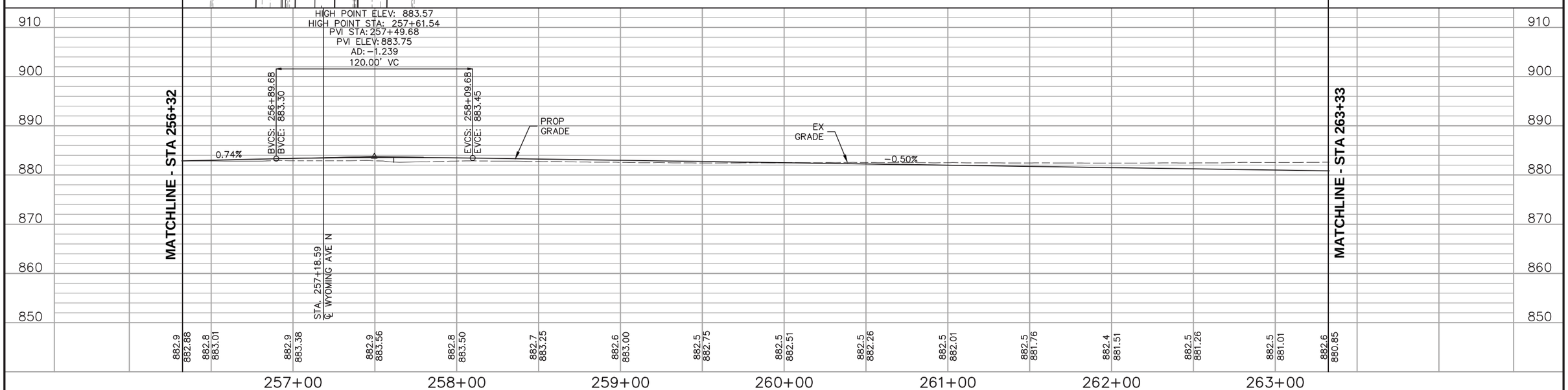
SHEET 236 OF 266

Dec, 07 2015 03:56 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-93RD.dwg By: gstanley

NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.







DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
93RD AVE N (CSAH 30)
PLAN AND PROFILE
STA 256+32 TO STA 263+33

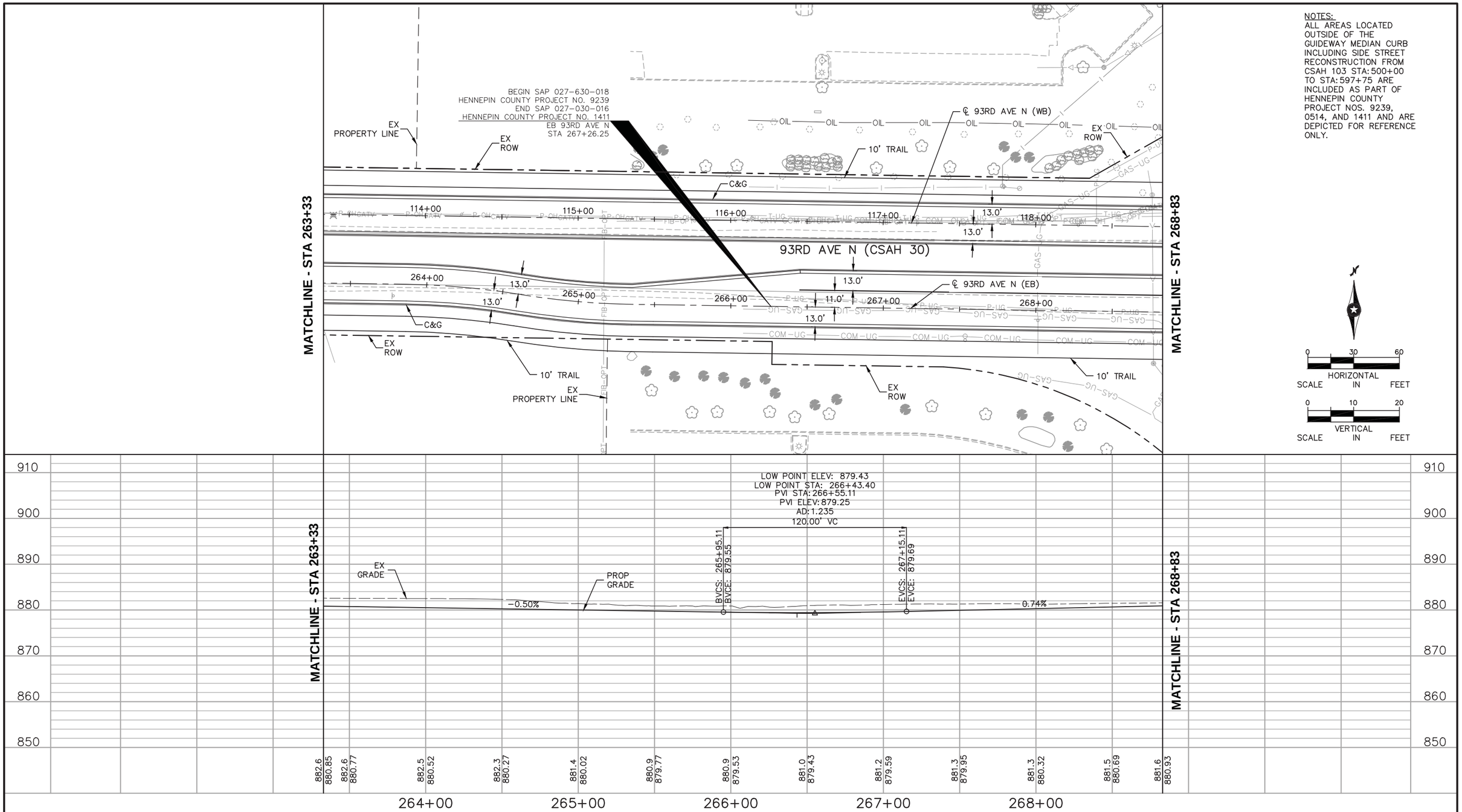
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-055

SHEET 237 OF 266

Dec, 07 2015 09:11 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-93RD.dwg By: mhuynh

NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension Bottineau LRT — Hennepin — Metropolitan Council

SEGMENT BP
93RD AVE N (CSAH 30)
PLAN AND PROFILE
STA 263+33 TO STA 268+83

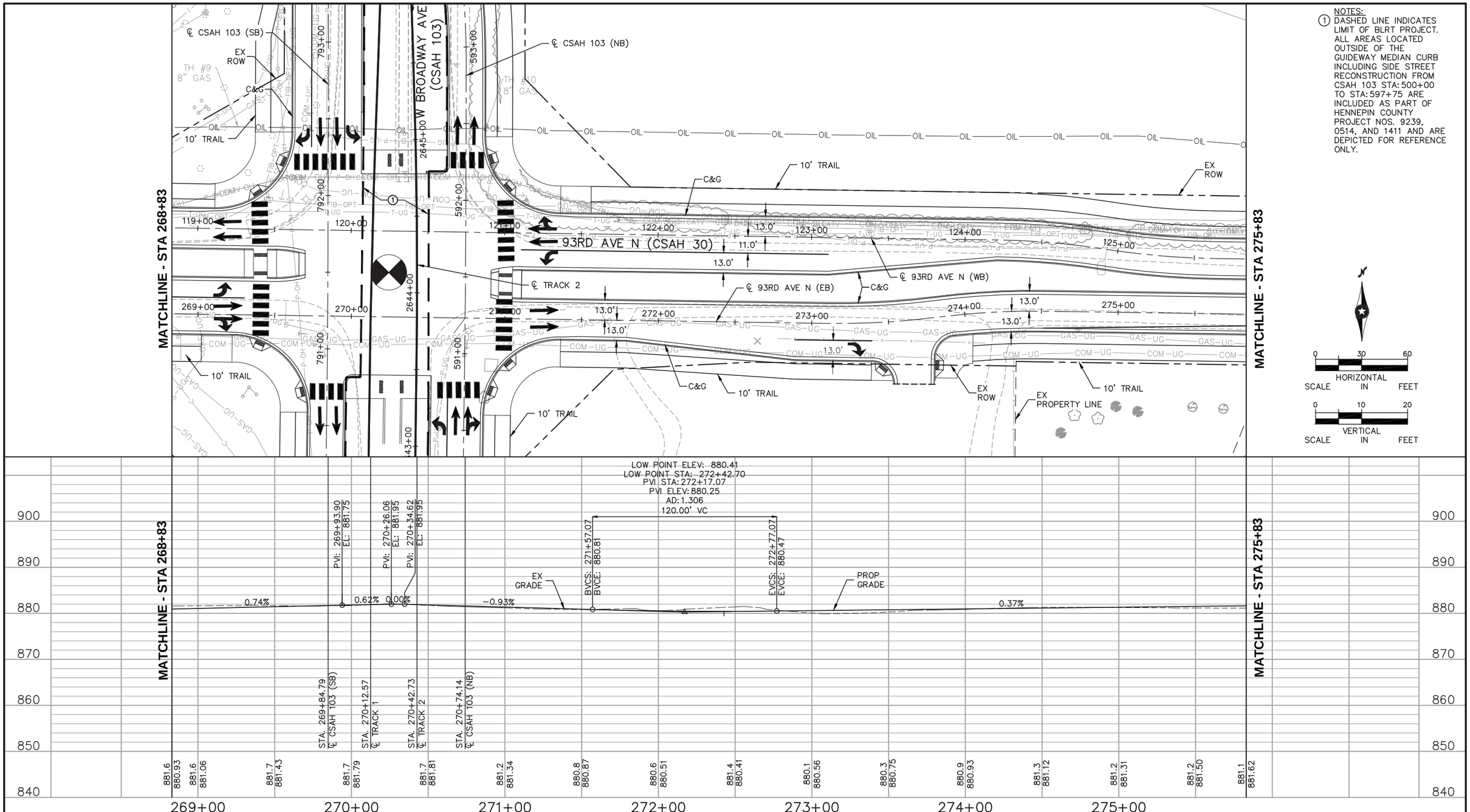
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-058

SHEET 238 OF 266

Dec, 07 2015 09:12 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-93RD.dwg By: mhuynh

NOTES:
1. DASHED LINE INDICATES LIMIT OF BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

Hennepin

METROPOLITAN COUNCIL

SEGMENT BP
93RD AVE N (CSAH 30)
PLAN AND PROFILE
STA 268+83 TO STA 275+83

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-059

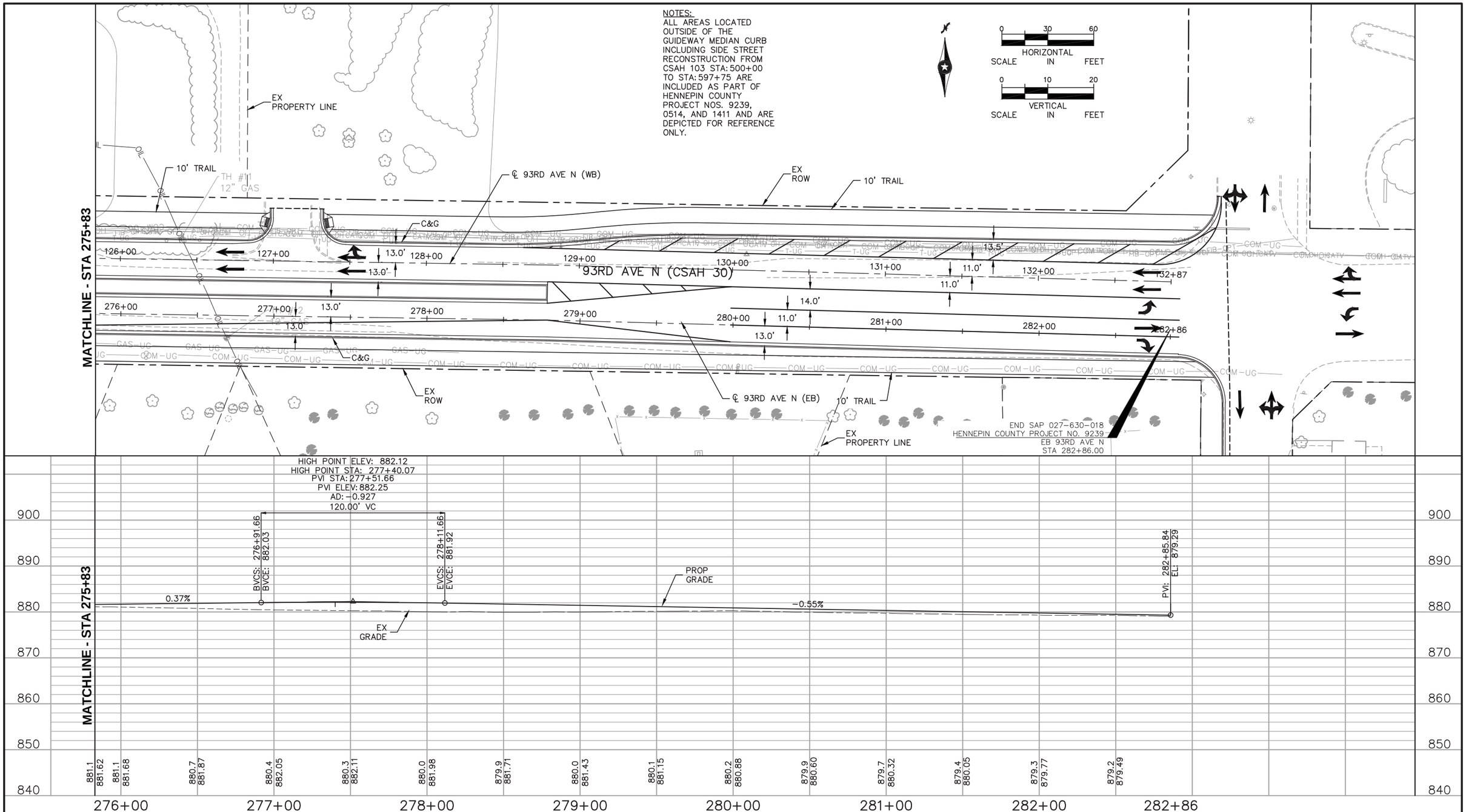
SHEET 239 OF 266

Dec, 08 2015 02:09 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-93RD.dwg By: gstanley

NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

HORIZONTAL SCALE IN FEET: 0 30 60

VERTICAL SCALE IN FEET: 0 10 20



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

Metro Blue Line Extension — Bottineau LRT

Hennepin

Metropolitan Council

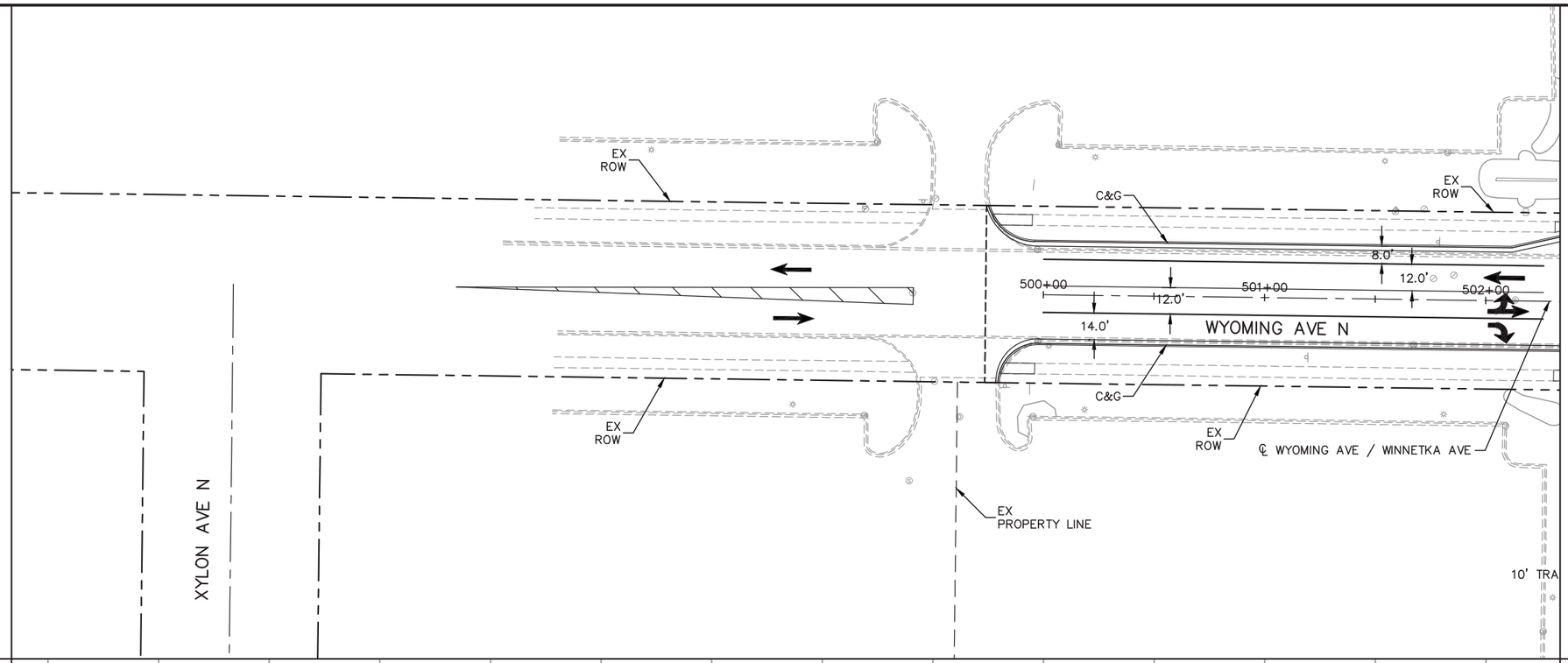
SEGMENT BP
93RD AVE N (CSAH 30)
PLAN AND PROFILE
STA 275+83 TO STA 282+86

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-060

SHEET 240 OF 266

Dec, 07 2015 04:17 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-93RD.dwg By: gstanley



NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

0 30 60
HORIZONTAL
SCALE IN FEET

0 10 20
VERTICAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

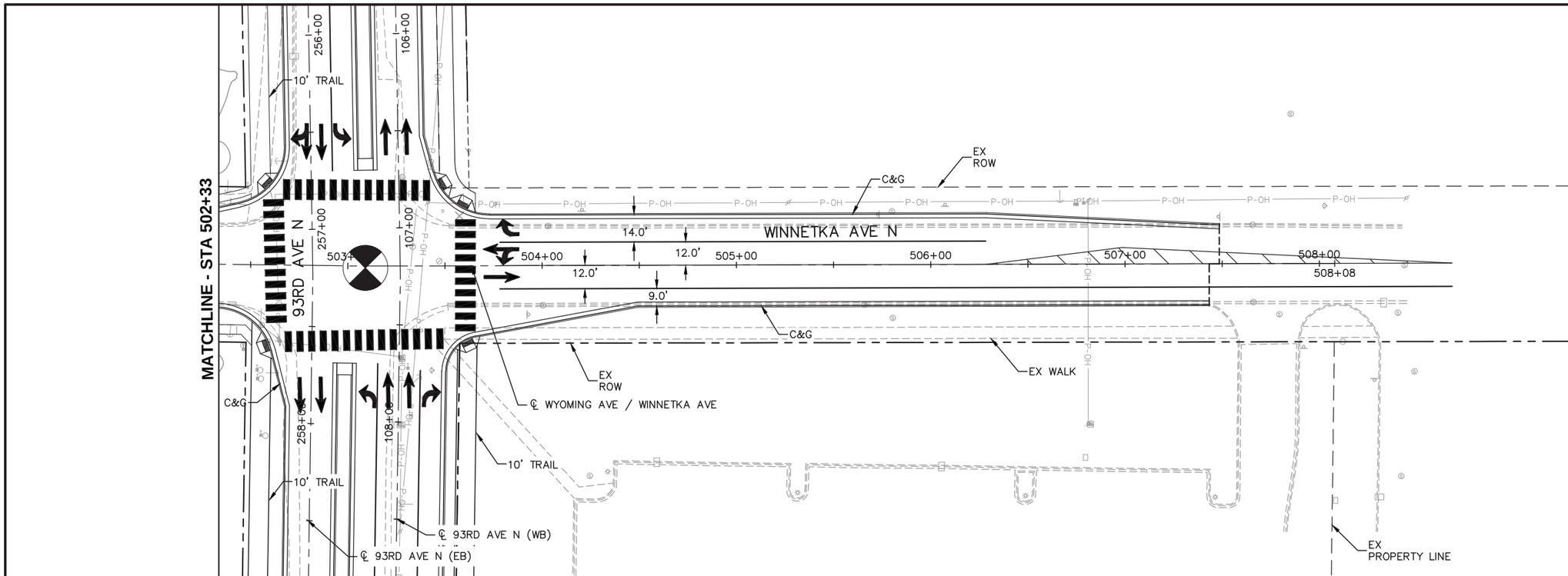
METRO BLUE LINE EXTENSION Bottineau LRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
WYOMING AVE N / WINNETKA AVE N
PLAN AND PROFILE
STA 500+00 TO STA 502+33

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-PPFL-056

SHEET 241 OF 266

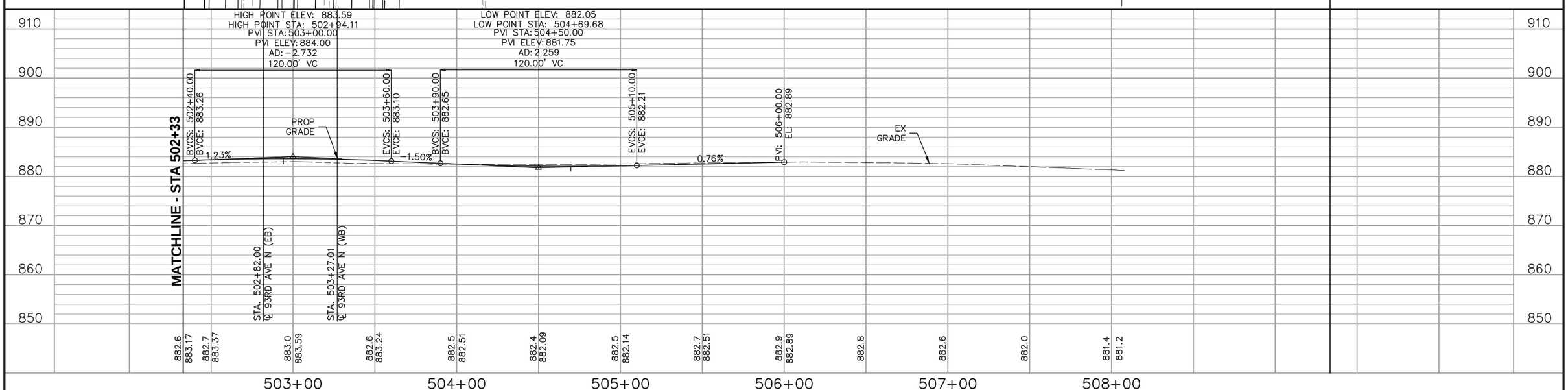
Dec, 07 2015 09:14 am H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-93RD.dwg By: mhuynh



NOTES:
ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB INCLUDING SIDE STREET RECONSTRUCTION FROM CSAH 103 STA: 500+00 TO STA: 597+75 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.

0 30 60
HORIZONTAL SCALE IN FEET

0 10 20
VERTICAL SCALE IN FEET



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

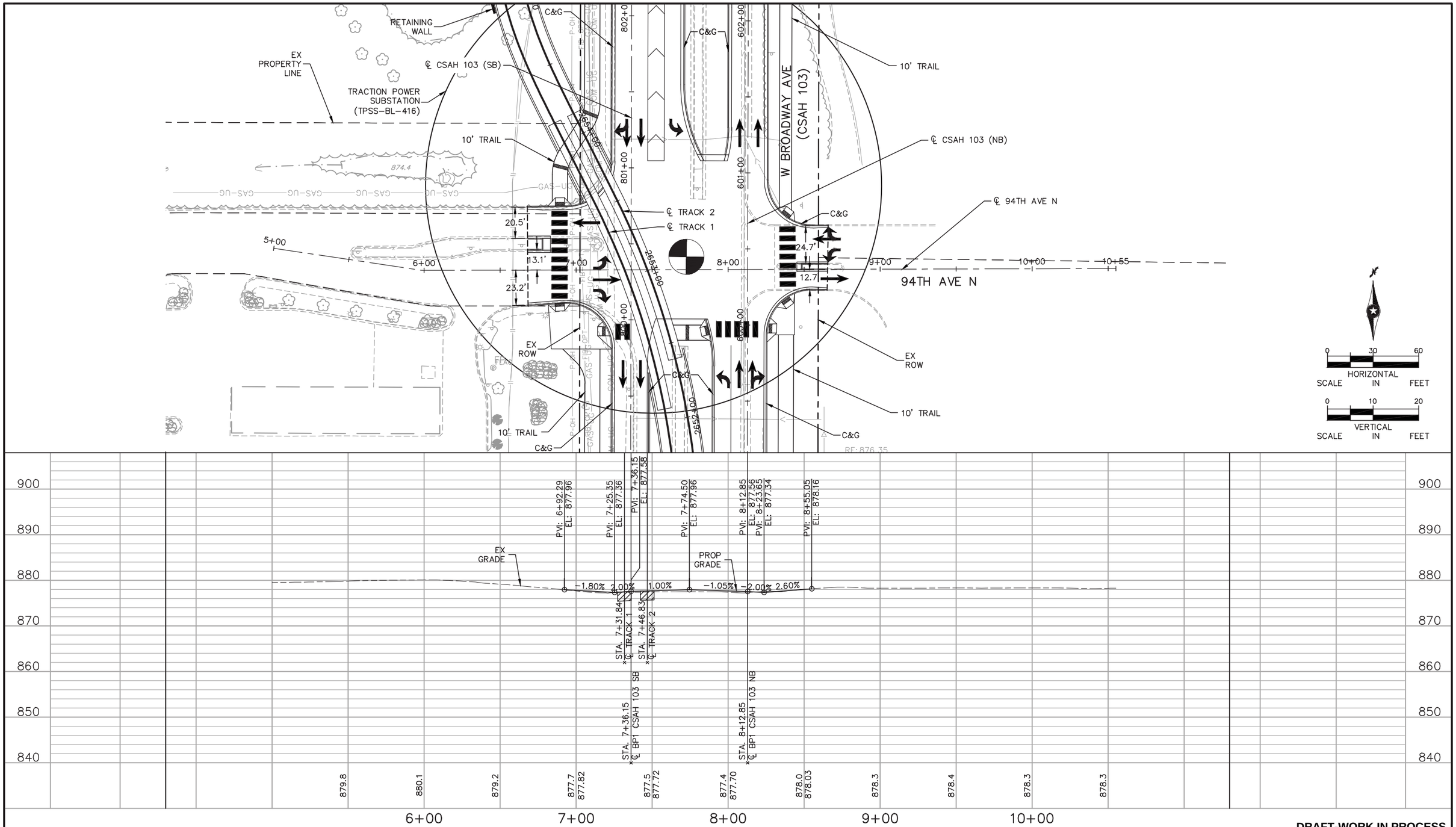
METRO BLUE LINE EXTENSION Bottineau LRT
Hennepin
METROPOLITAN COUNCIL

SEGMENT BP
WYOMING AVE N / WINNETKA AVE N
PLAN AND PROFILE
STA 502+33 TO STA 508+08

DISCIPLINE: CIVIL
SHEET NAME: BP-CIV-PPFL-057

SHEET 242 OF 266

Dec, 07 2015 04:12 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-93RD.dwg By: gstanley



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

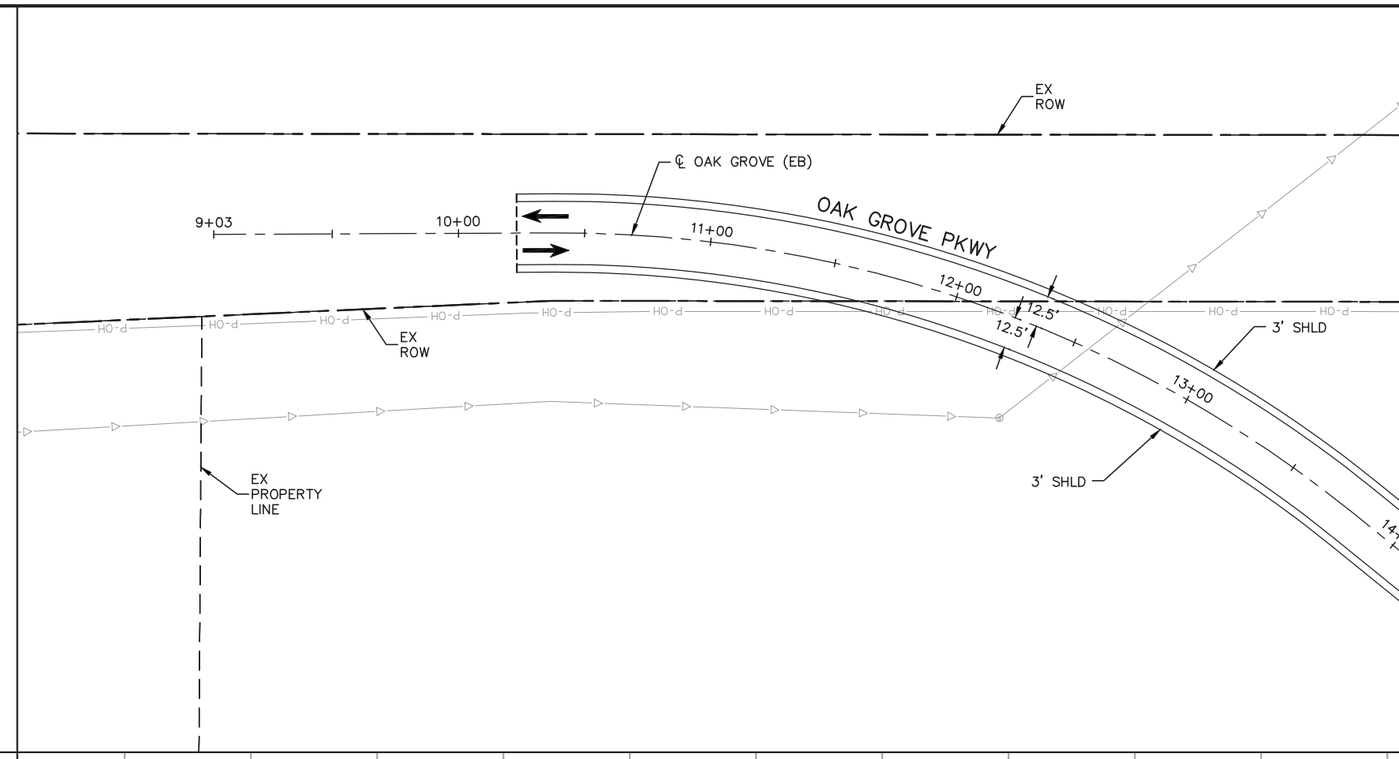
SEGMENT BP
94TH AVE N
PLAN AND PROFILE
STA 5+00 TO STA 10+55

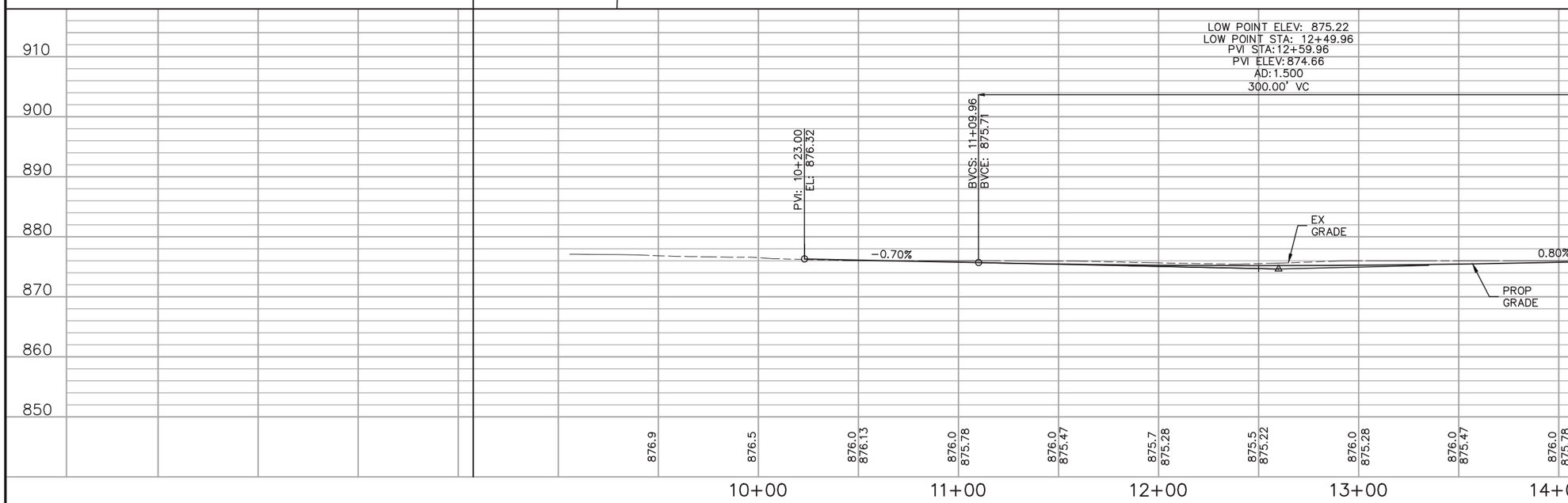
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-061

SHEET 243 OF 266

Dec, 04 2015 01:32 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

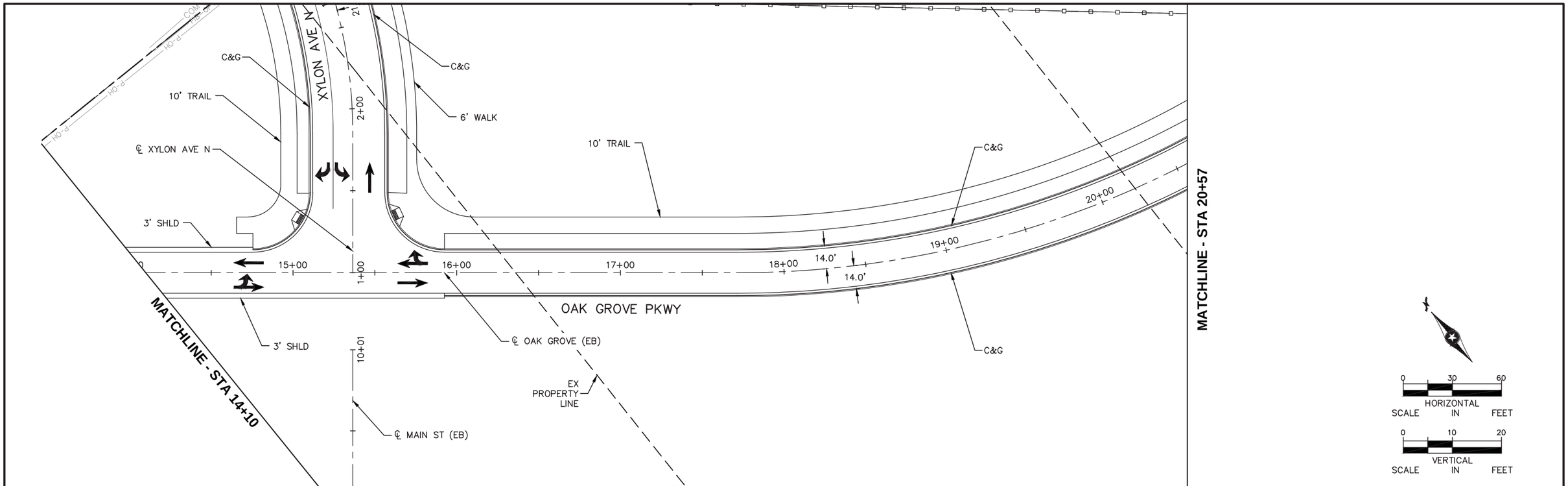
SEGMENT BP
OAK GROVE PKWY
PLAN AND PROFILE
STA 9+03 TO STA 14+10

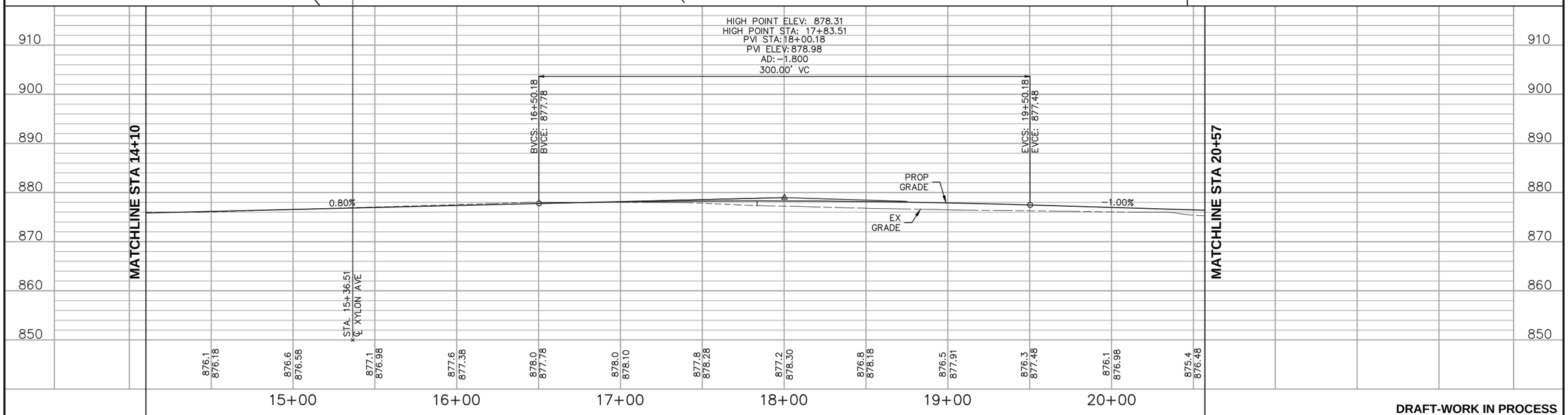
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-062

SHEET 244 OF 266

Dec, 04 2015 01:34 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
OAK GROVE PKWY
PLAN AND PROFILE
STA 14+10 TO STA 20+57

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-063

SHEET 245 OF 266

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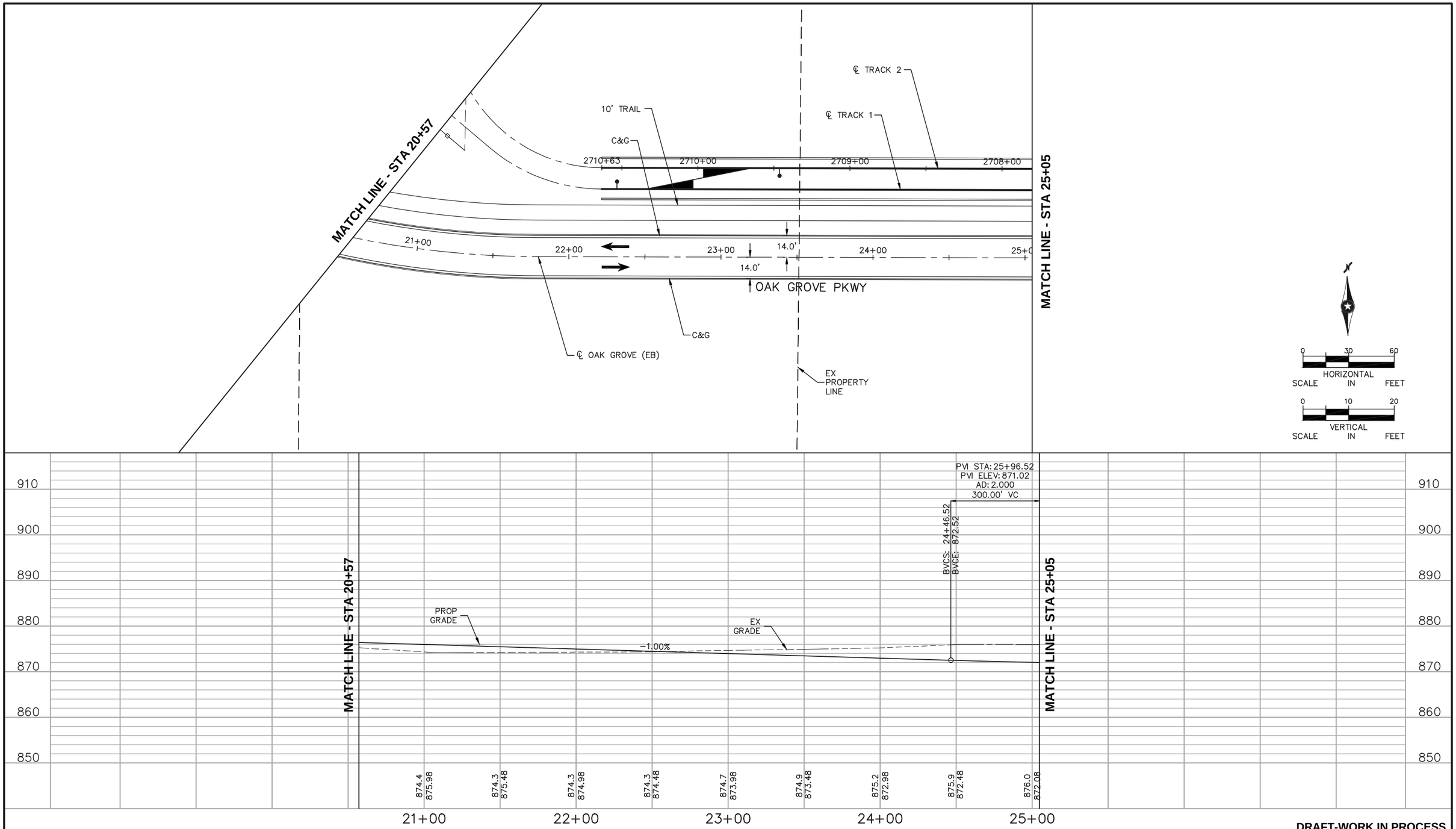


DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

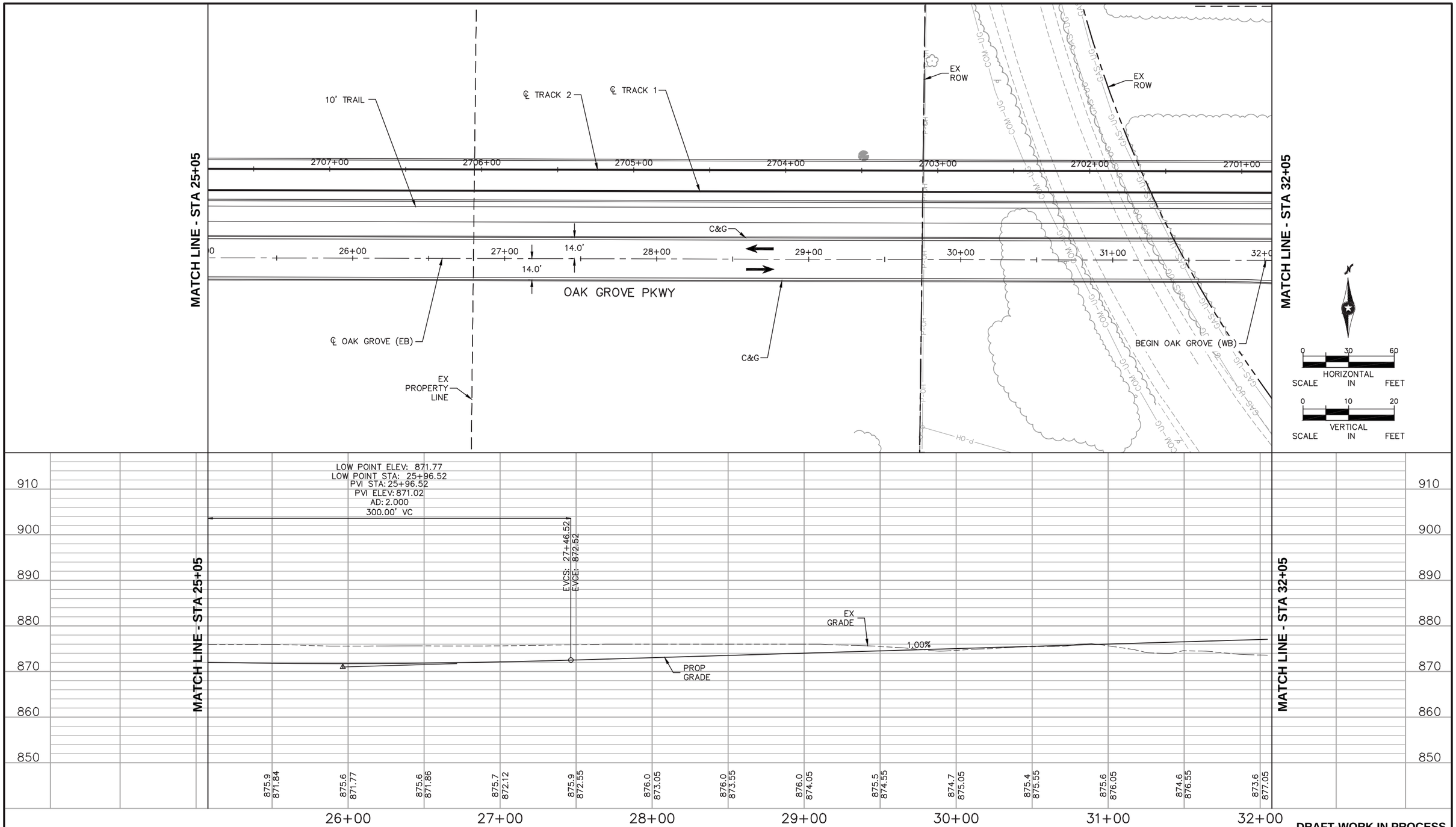
SEGMENT BP
OAK GROVE PKWY
PLAN AND PROFILE
STA 20+57 TO STA 25+05

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-064

SHEET 246 OF 266

Dec, 04 2015 01:36 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

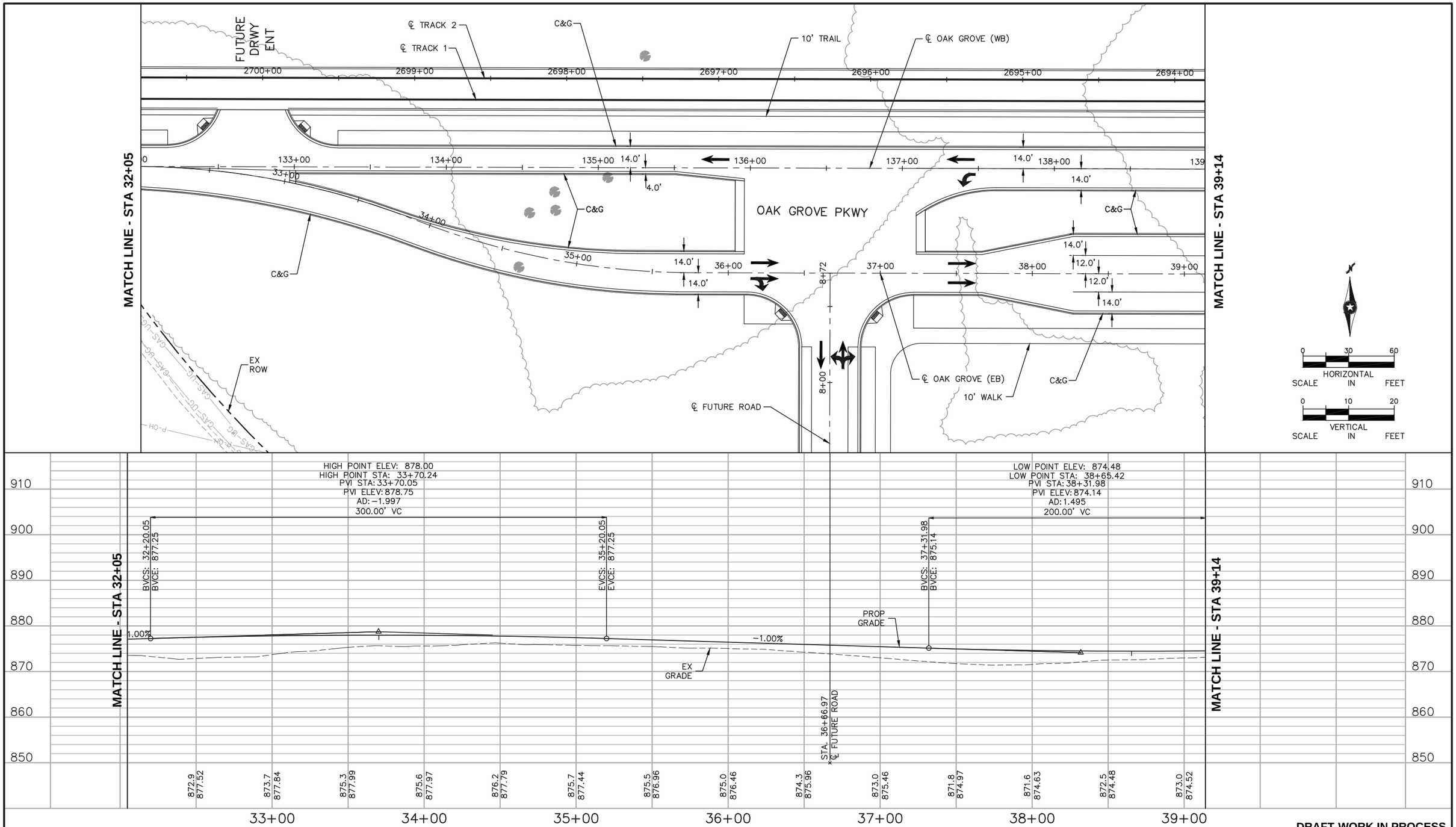
SEGMENT BP
OAK GROVE PKWY
PLAN AND PROFILE
STA 25+05 TO STA 32+05

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-065

SHEET 247 OF 266

Dec, 04 2015 01:37 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

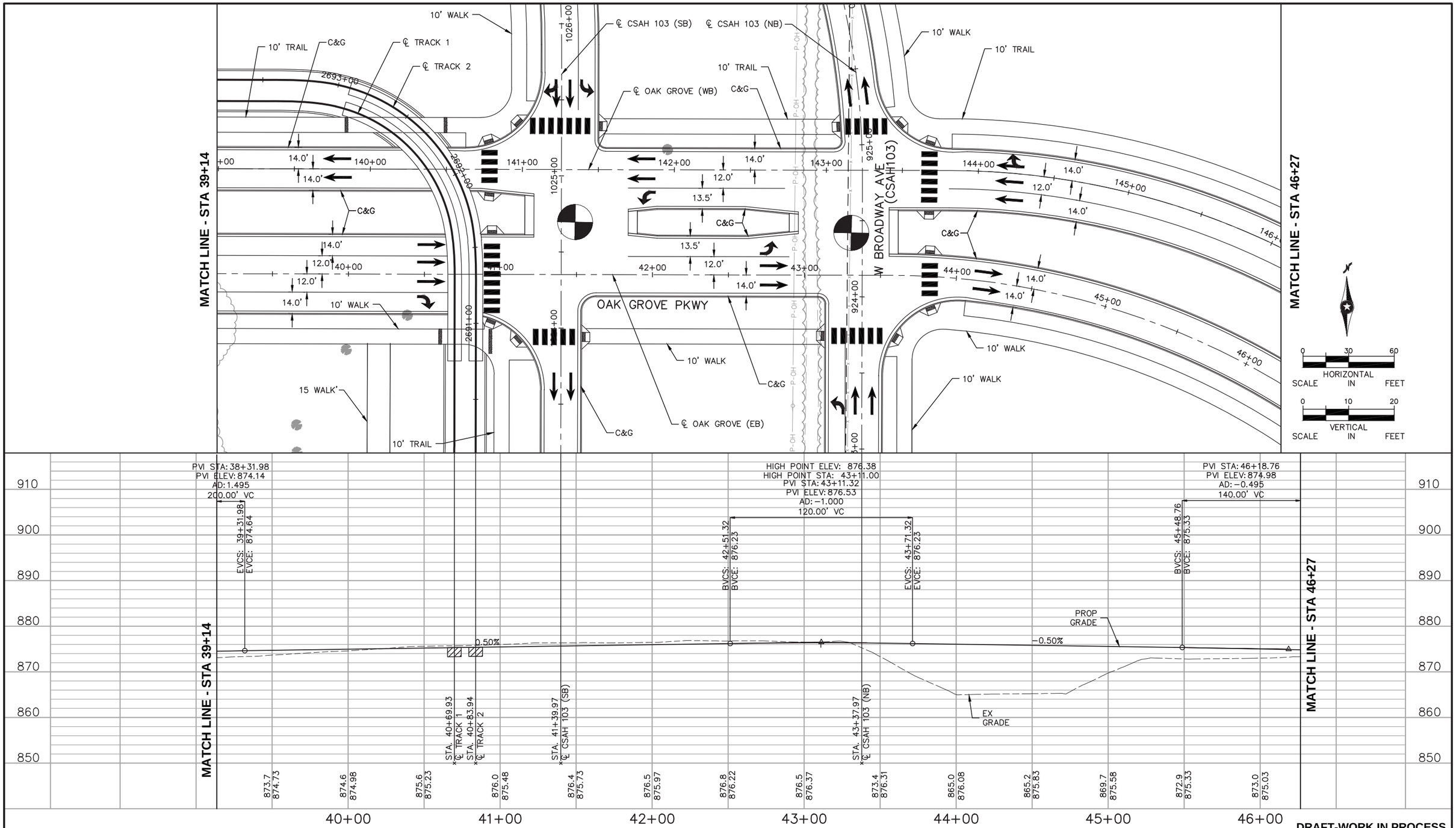
SEGMENT BP
OAK GROVE PKWY
PLAN AND PROFILE
STA 32+05 TO STA 39+14

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-066

SHEET 248 OF 266

Dec, 04 2015 01:38 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

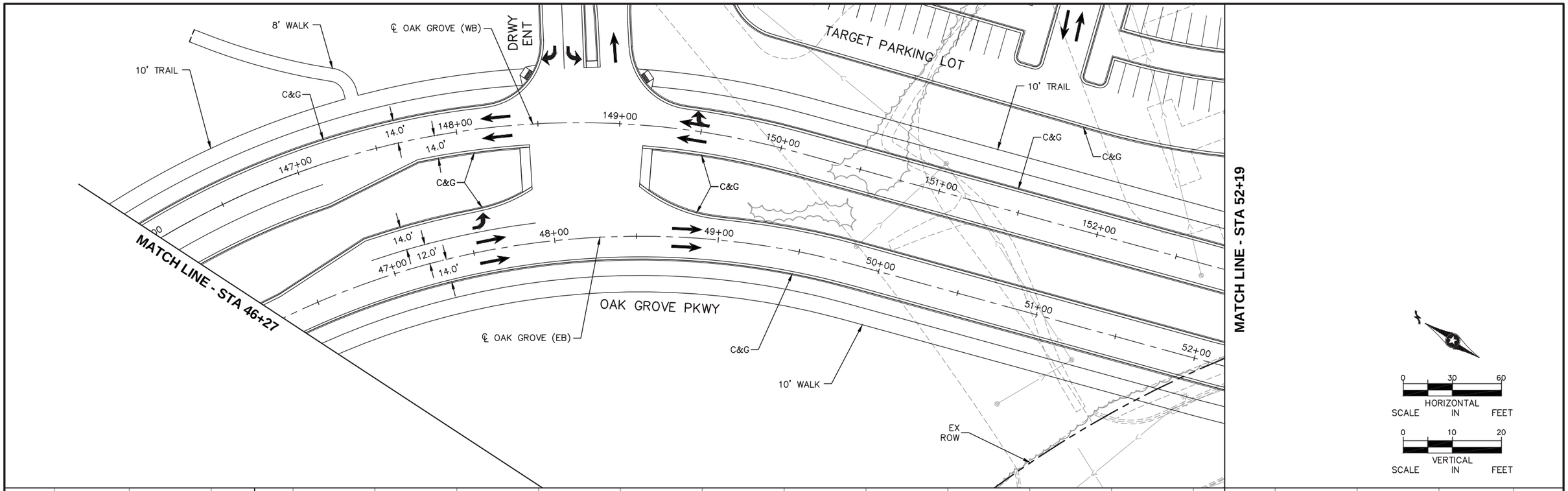
SEGMENT BP
OAK GROVE PKWY
PLAN AND PROFILE
STA 39+14 TO STA 46+27

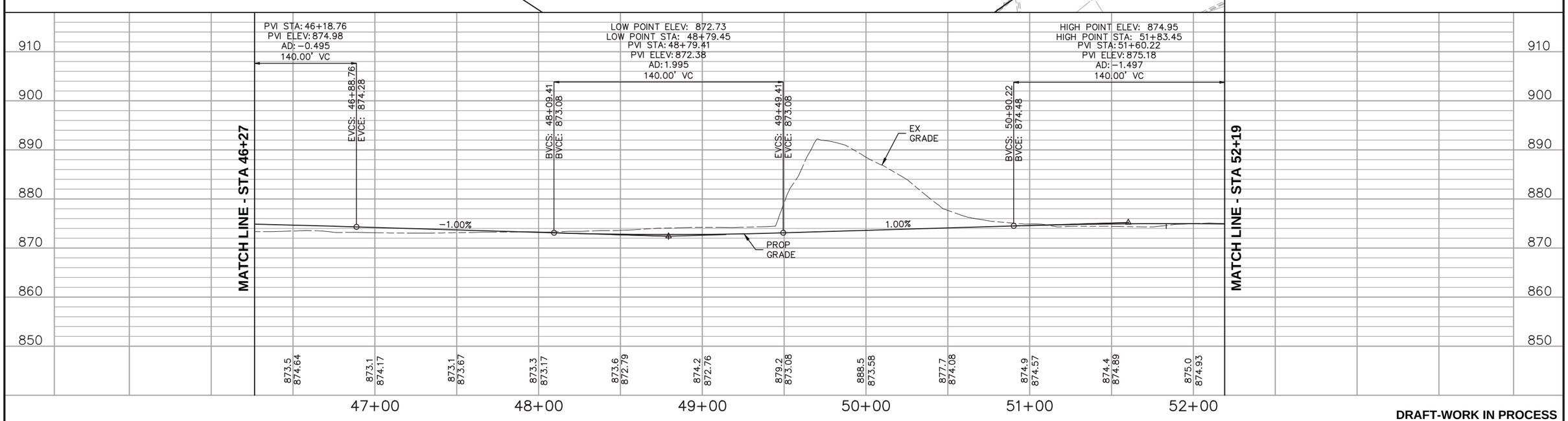
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-067

SHEET 249 OF 266

Dec, 04 2015 01:39 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh





DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. ENGINEERS PLANNERS DESIGNERS

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

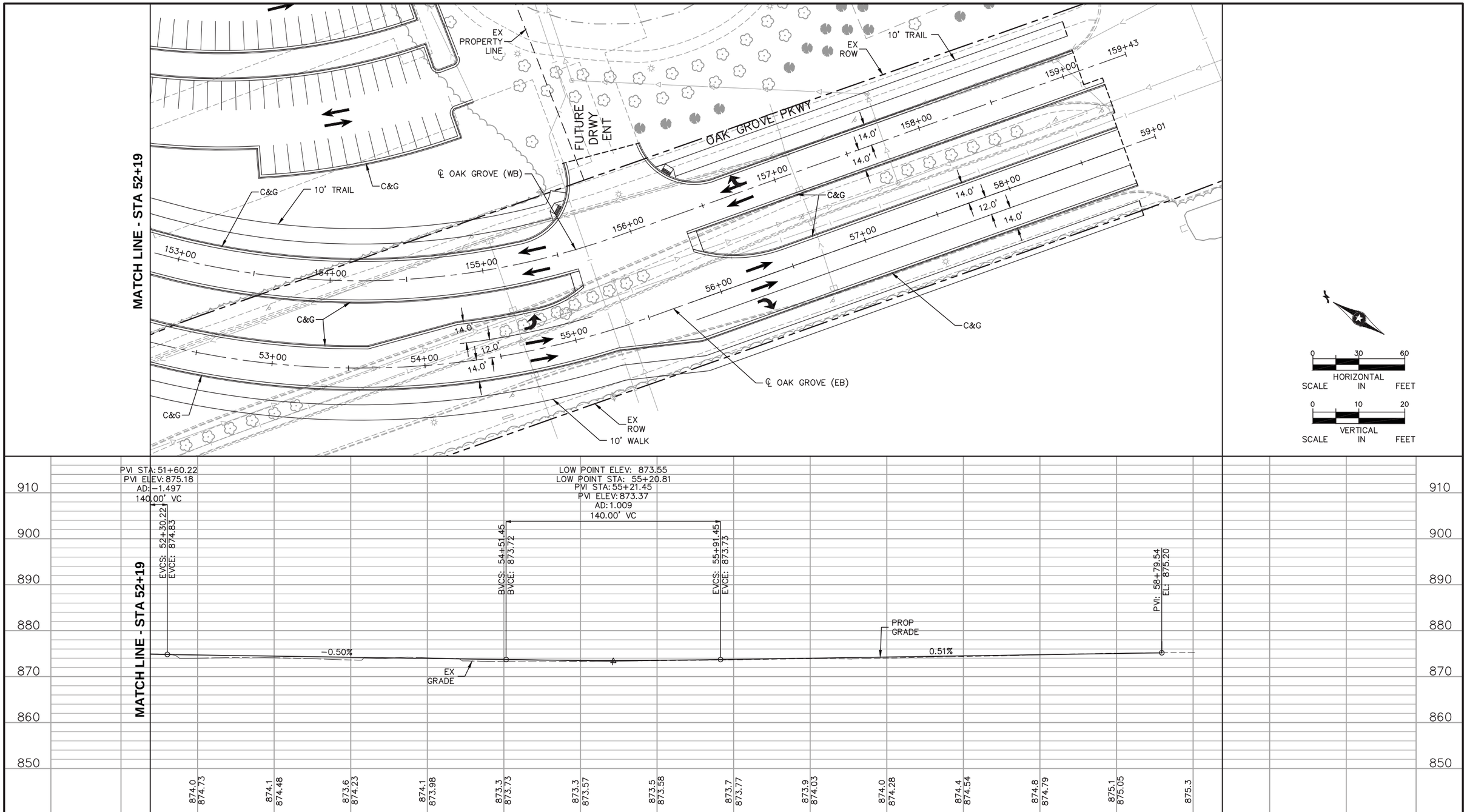
SEGMENT BP
OAK GROVE PKWY
PLAN AND PROFILE
STA 46+27 TO STA 52+19

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-068

SHEET 250 OF 266

Dec, 04 2015 01:40 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

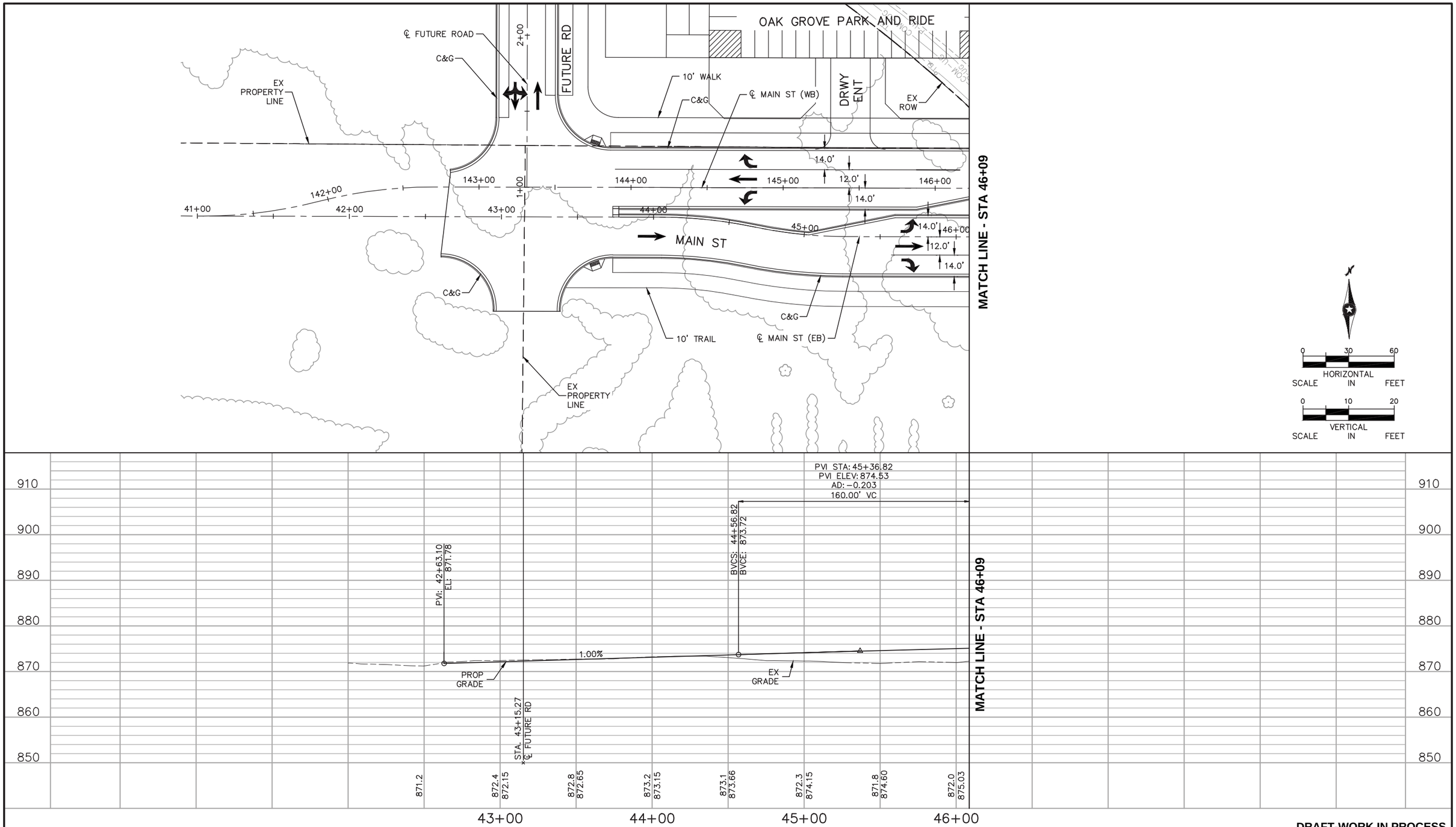
SEGMENT BP
OAK GROVE PKWY
PLAN AND PROFILE
STA 52+19 TO STA 59+01

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-069

SHEET 251 OF 266

Dec. 04 2015 01:41 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

SRF Consulting Group, Inc. — Engineers Planners Designers

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

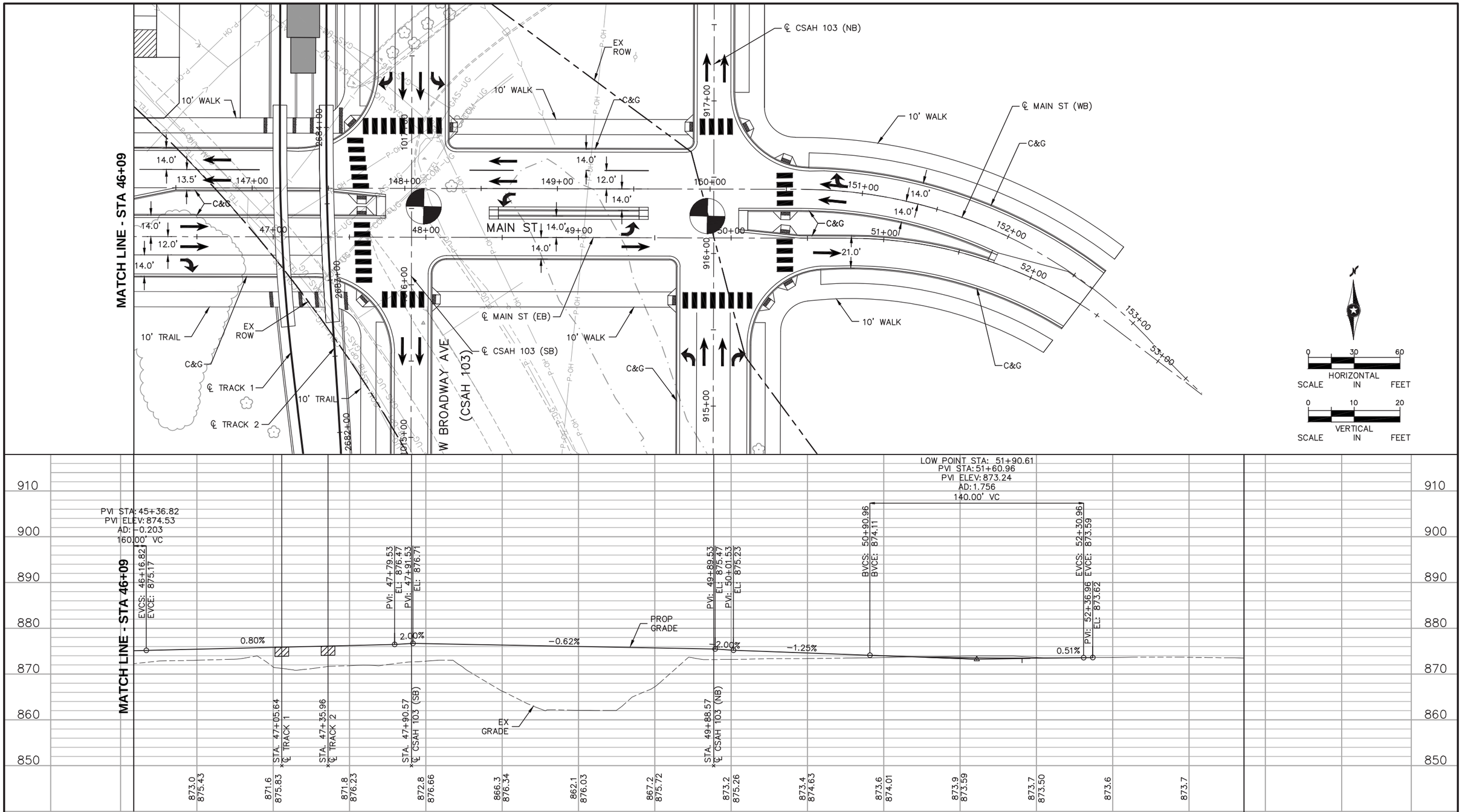
SEGMENT BP
MAIN ST
PLAN AND PROFILE
STA 40+88 TO STA 46+09

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-070

SHEET 252 OF 266

Dec, 04 2015 01:42 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

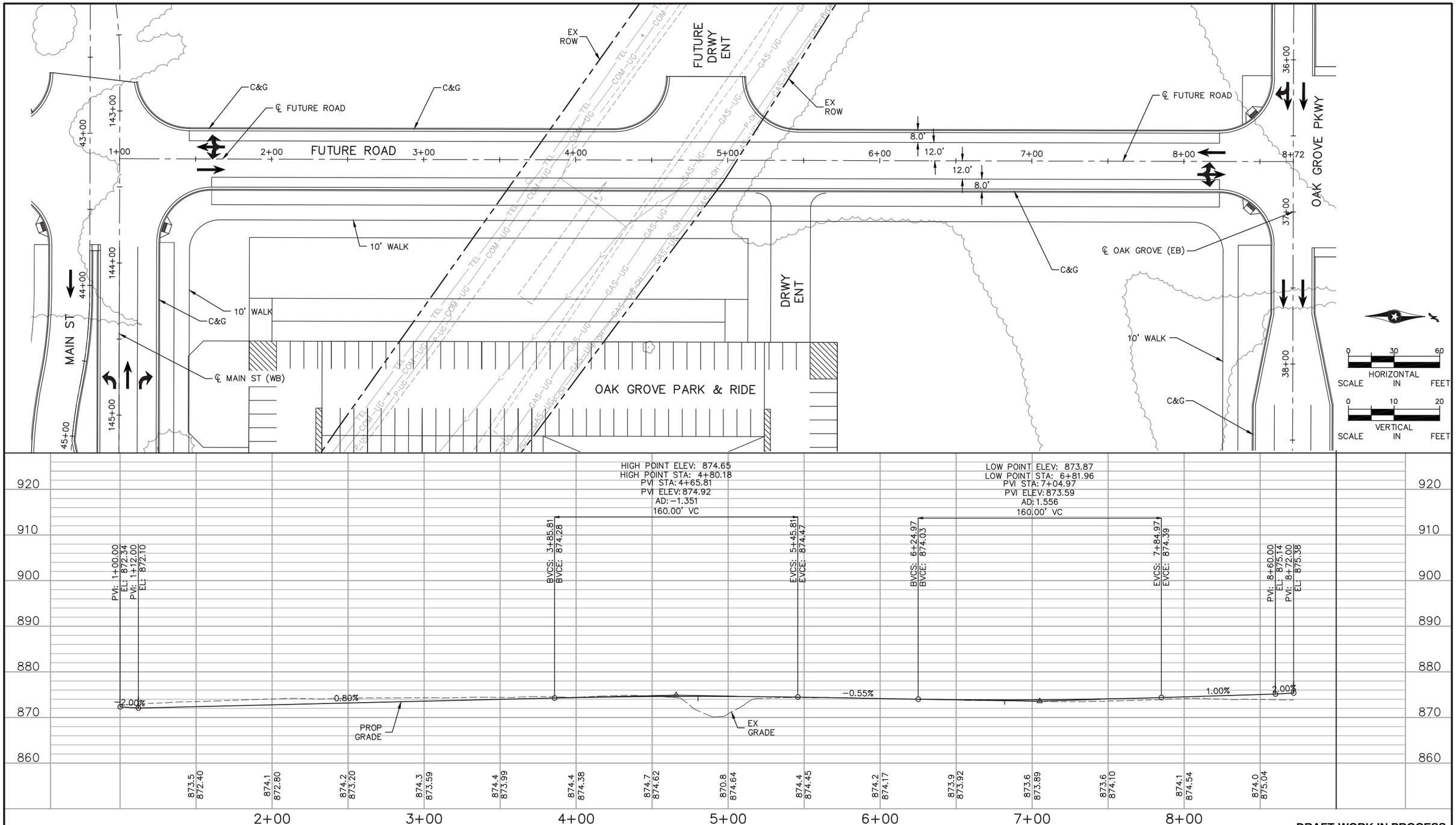
SEGMENT BP
MAIN ST
PLAN AND PROFILE
STA 46+09 TO STA 53+58

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-071

SHEET 253 OF 266

Dec, 04 2015 01:43 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

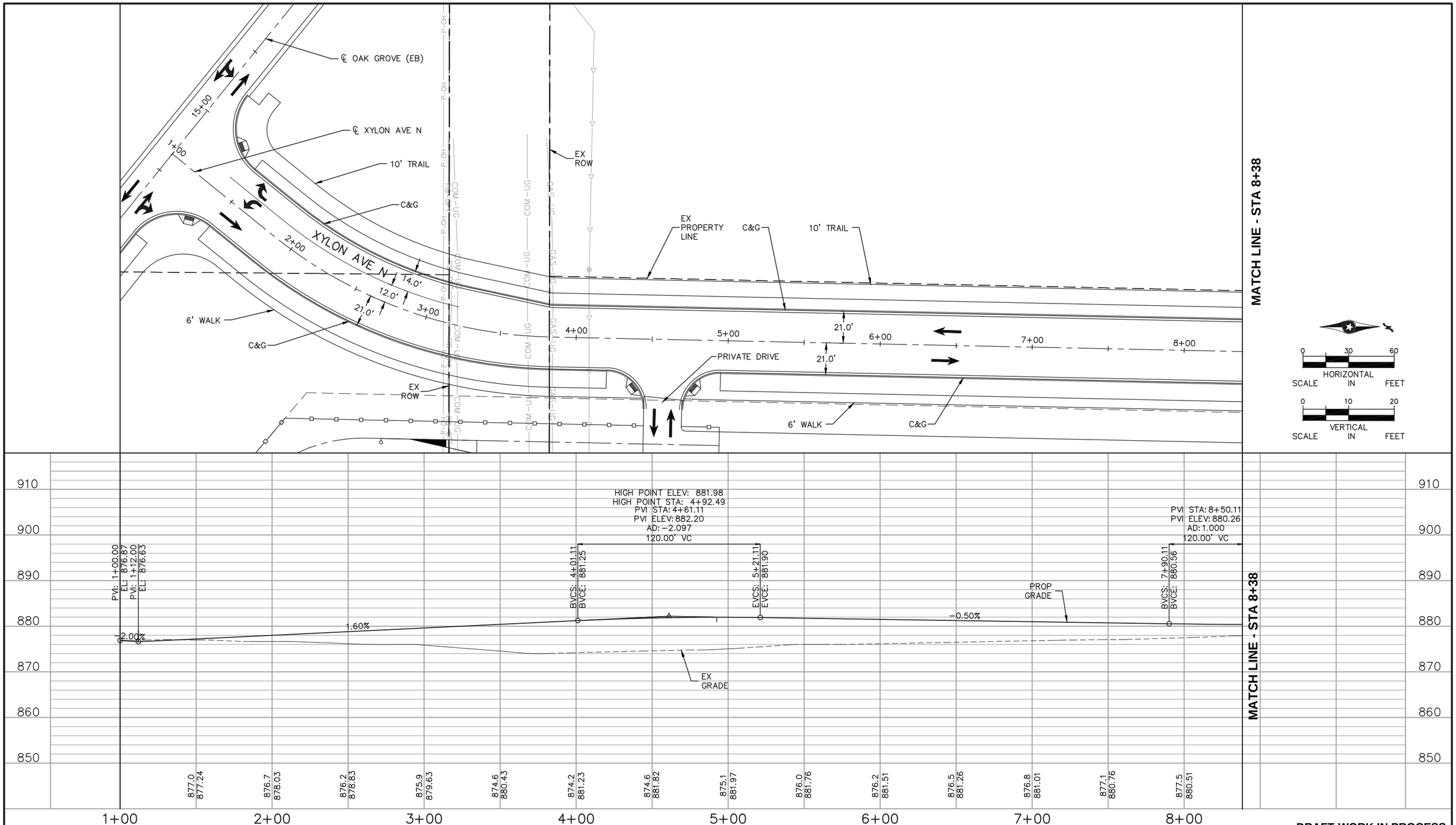
SEGMENT BP
FUTURE ROAD
PLAN AND PROFILE
STA 1+00 TO STA 8+72

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-072

SHEET 254 OF 266

Dec, 04 2015 01:44 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh



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NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

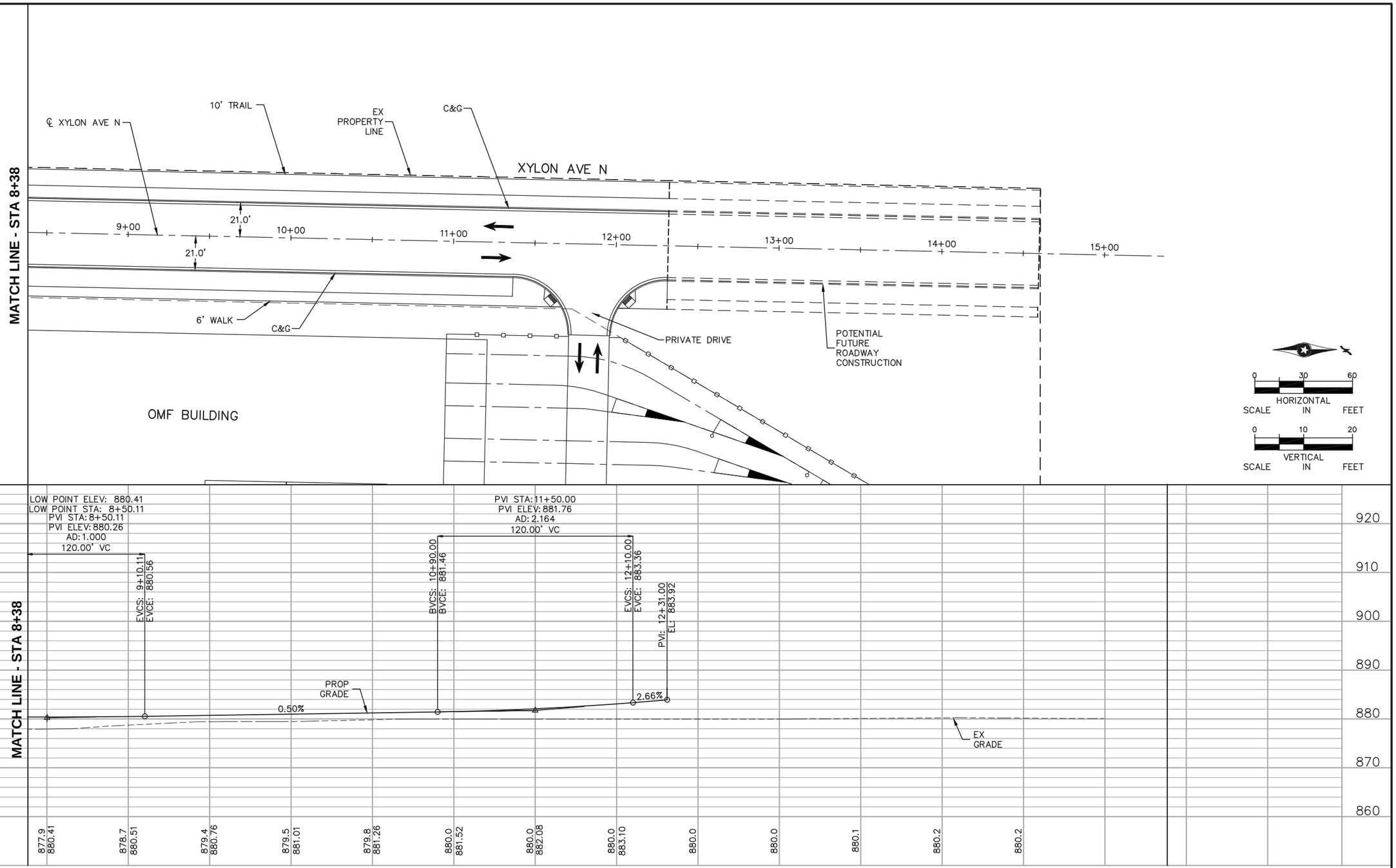
SEGMENT BP
XYLON AVE N
PLAN AND PROFILE
STA 1+00 TO STA 8+38

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-073

SHEET 255 OF 266

Dec, 04 2015 01:45 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
XYLON AVE N
PLAN AND PROFILE
STA 8+38 TO STA 15+36

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PPFL-074

SHEET 256 OF 266

Dec, 04 2015 01:46 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PPFL-OakGr.dwg By: mhuynh

NOTES:
565 REQUIRED PARKING STALLS
566 PROVIDED PARKING STALLS

EX ROW
EX ROW
63RD AVE N
EXISTING PARK AND RIDE
566 SPACES
C&G
8' WALK
8' WALK
VERTICAL CIRCULATION BUILDING
6' WALK
8' WALK
6' WALK
EX ROW
EX ROW
ACCESS ROAD
EX FREIGHT
℄ FREIGHT
℄ TRACK 1
10' WALK
63RD AVENUE STATION
2440+00
2441+00
2442+00
2443+00
2444+00
2445+00
2446+00
10' WALK
BOTTINEAU BLVD (CSAH 81)
EX ROW
VERTICAL CIRCULATION BUILDING
℄ TRACK 2

MATCHLINE - STA 2446+74

0 15 30 60
SCALE HORIZONTAL IN FEET

DRAFT-WORK IN PROCESS

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION BOTTINEAU LRT

METROPOLITAN COUNCIL

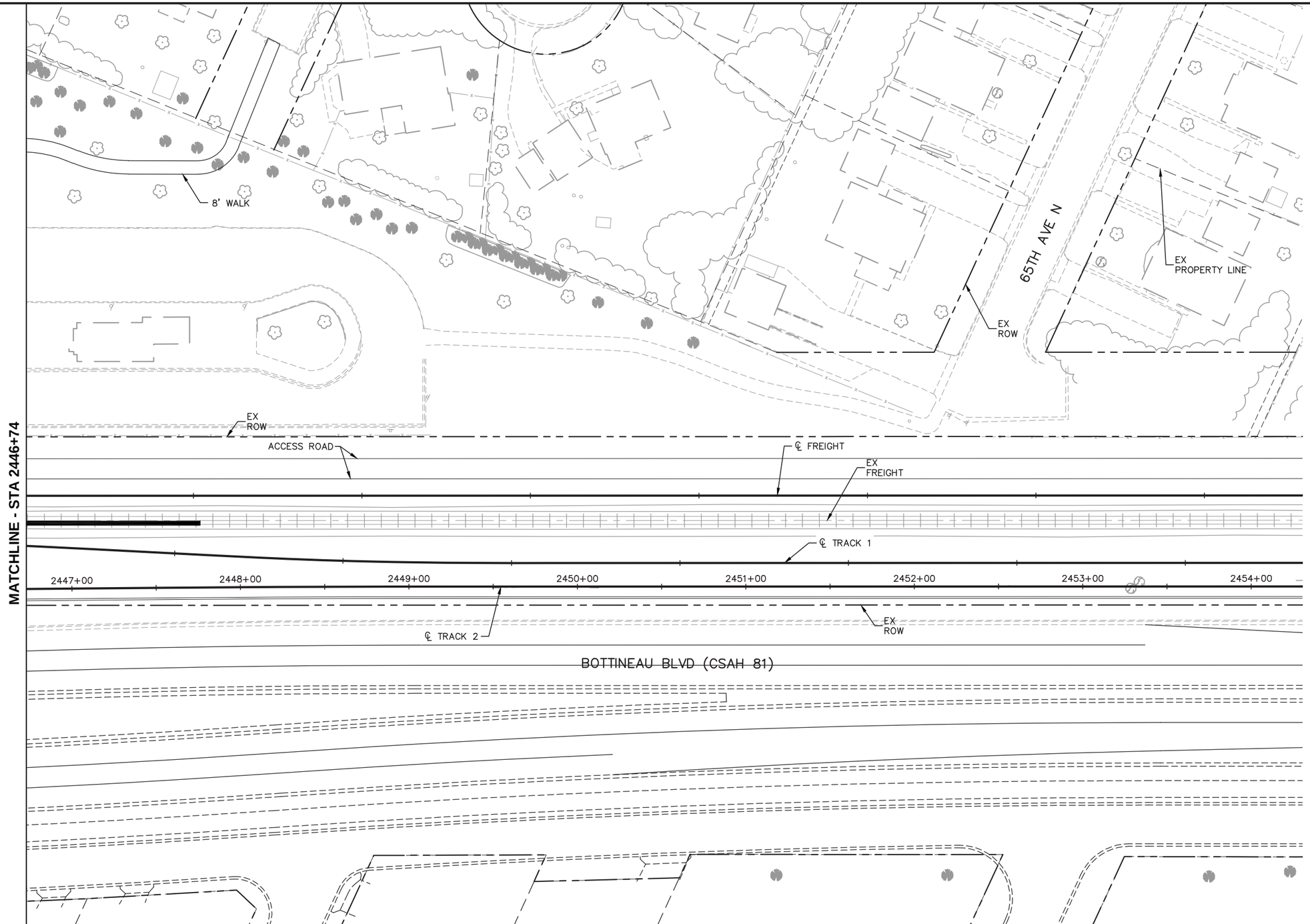
SEGMENT BP
63RD AVENUE STATION
SOUTH SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PLN-001

SHEET 257 OF 266

Dec, 04 2015 01:47 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PLN.dwg By: mhuynh



0 15 30 60
SCALE HORIZONTAL IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

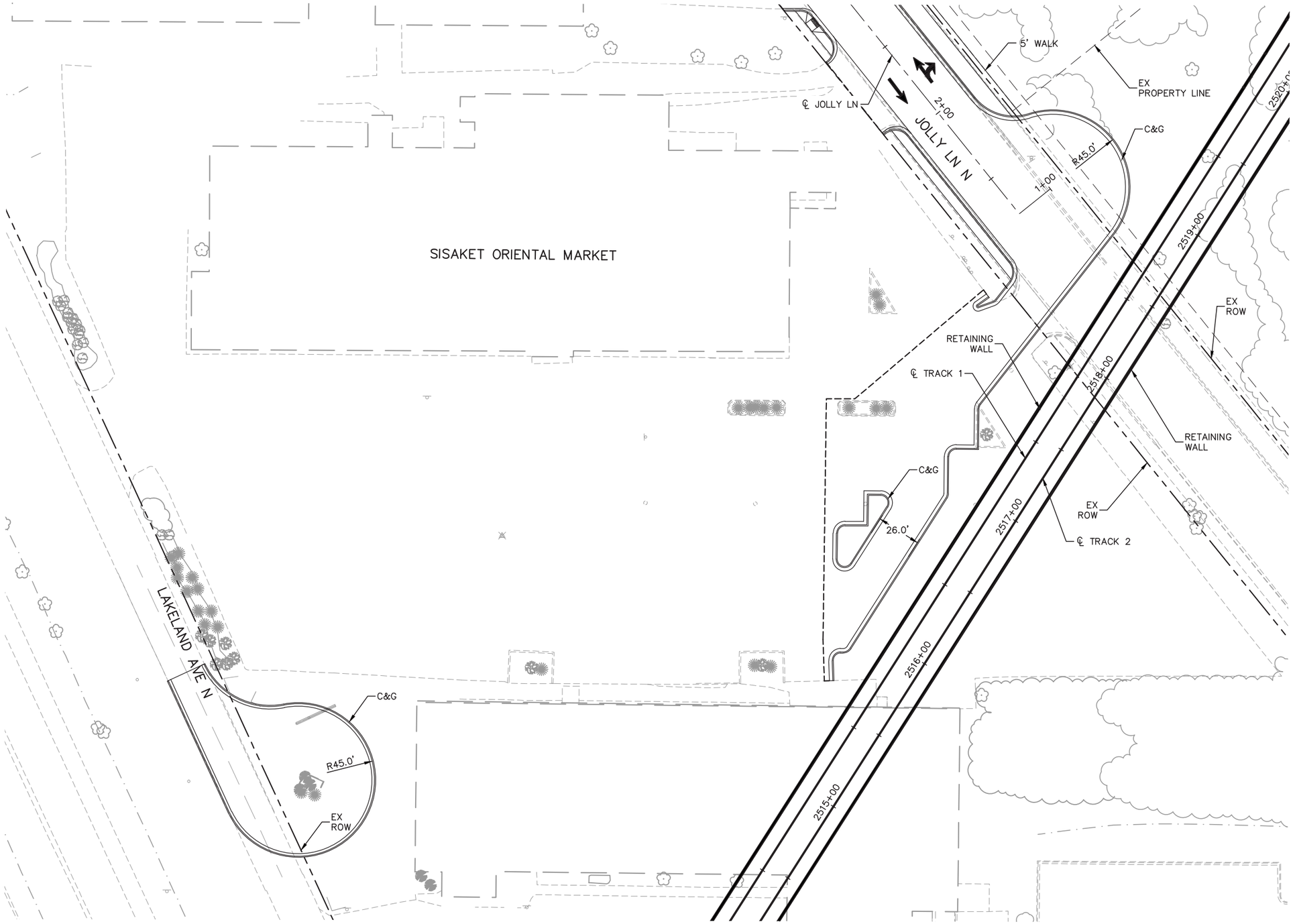
SEGMENT BP
63RD AVENUE PARK AND RIDE
NORTH SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PLN-002

SHEET 258 OF 266

Dec, 04 2015 01:48 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PLN.dwg By: mhuynh



0 15 30 60
HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

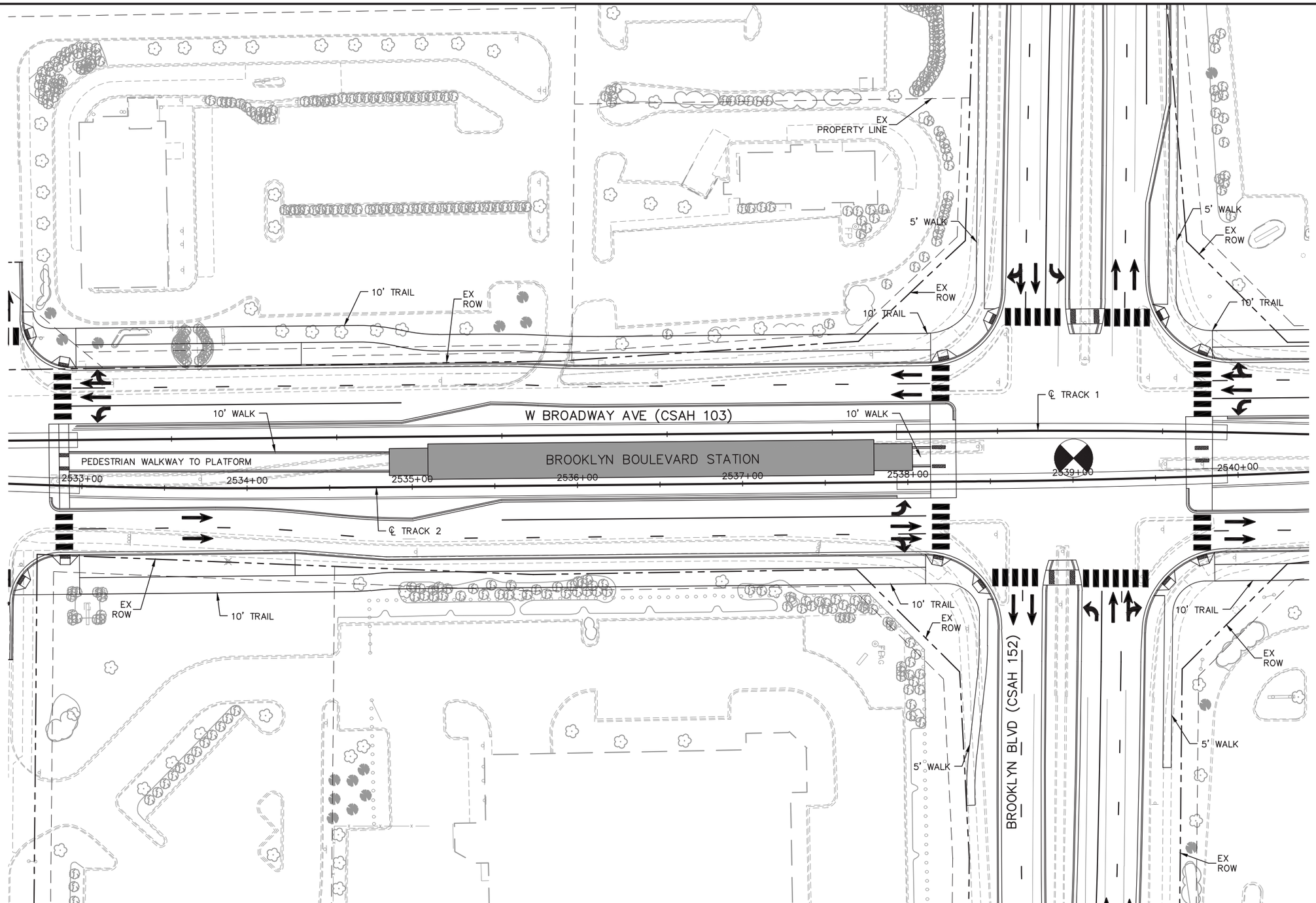
SEGMENT BP
CAROUSEL BINGO PKG LOT/LAKELAND AVE
SITE PLAN

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PLN-002A

SHEET 259 OF 266

Dec, 08 2015 02:10 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PLN.dwg By: gstanley



DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
BROOKLYN BLVD STATION
SITE PLAN

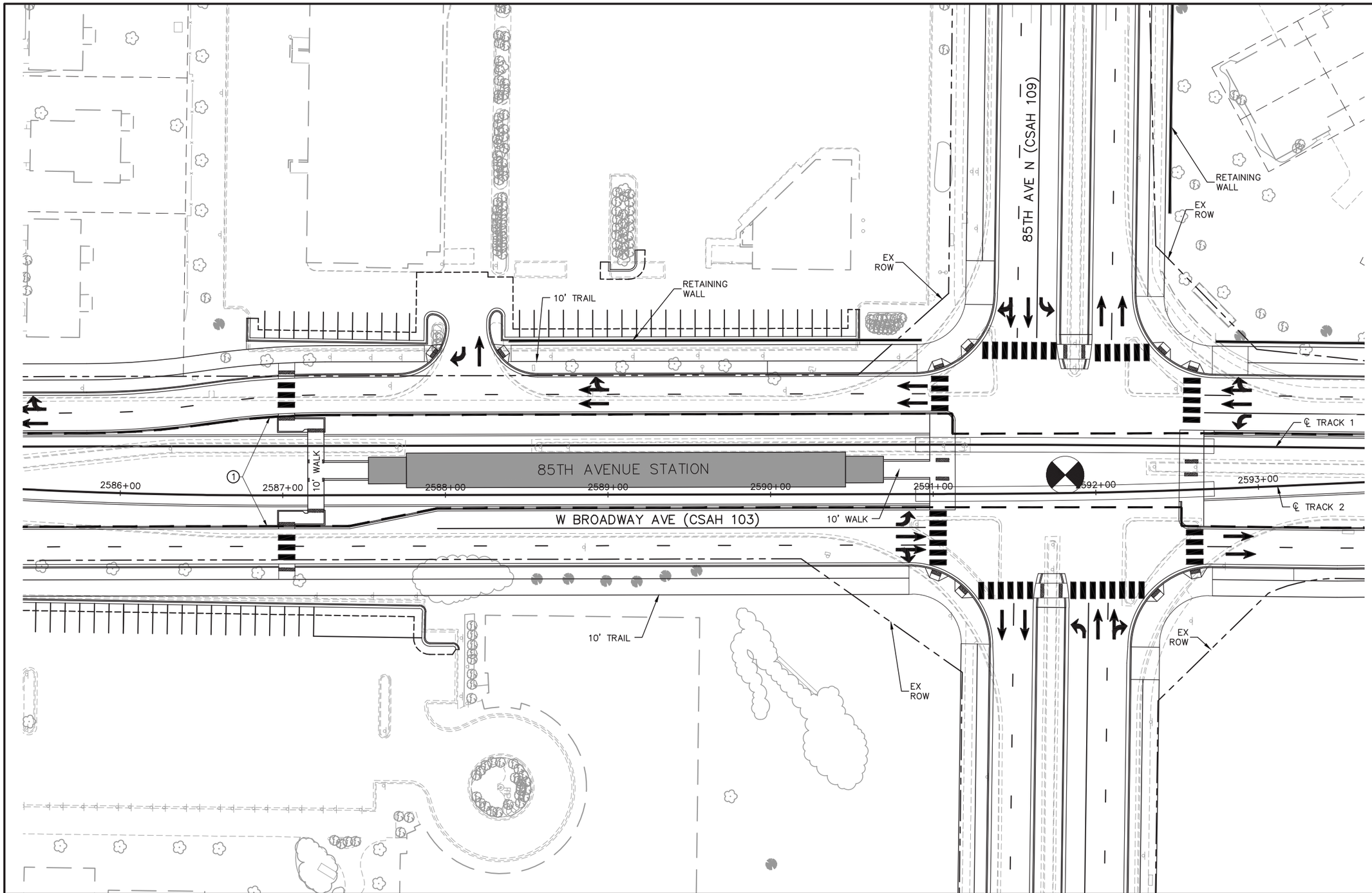
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PLN-003

SHEET 260 OF 266

Dec, 08 2015 02:52 pm H:\BPO\550_Design_Consultant\CAD\002-SEGMENT-BP2\MC\PLAN SHEETS\CIVIL\BP2-CIV-PLN.dwg By: gstanley

NOTE:
1. DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



0 15 30 60
SCALE HORIZONTAL IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
85TH AVENUE STATION
SITE PLAN

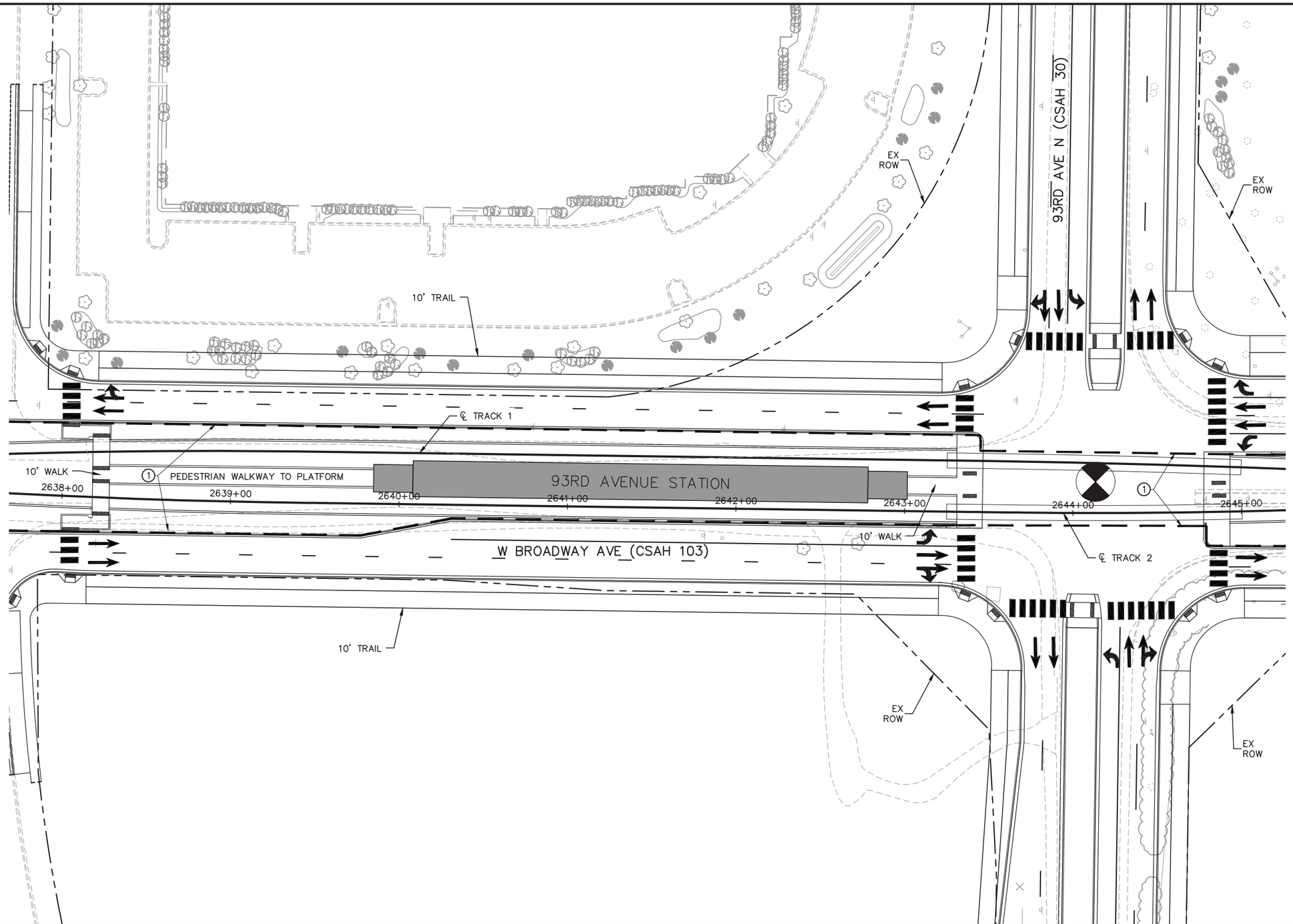
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PLN-004

SHEET 261 OF 266

Dec, 08 2015 02:13 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PLN.dwg By: gstanley

NOTE:
(1) DASHED LINE INDICATES LIMITS OF THE BLRT PROJECT. ALL AREAS LOCATED OUTSIDE OF THE GUIDEWAY MEDIAN CURB FROM STA: 2552+69 TO STA: 2650+35 ARE INCLUDED AS PART OF HENNEPIN COUNTY PROJECT NOS. 9239, 0514, AND 1411 AND ARE DEPICTED FOR REFERENCE ONLY.



0 15 30 60
HORIZONTAL SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP
93RD AVENUE STATION
SITE PLAN

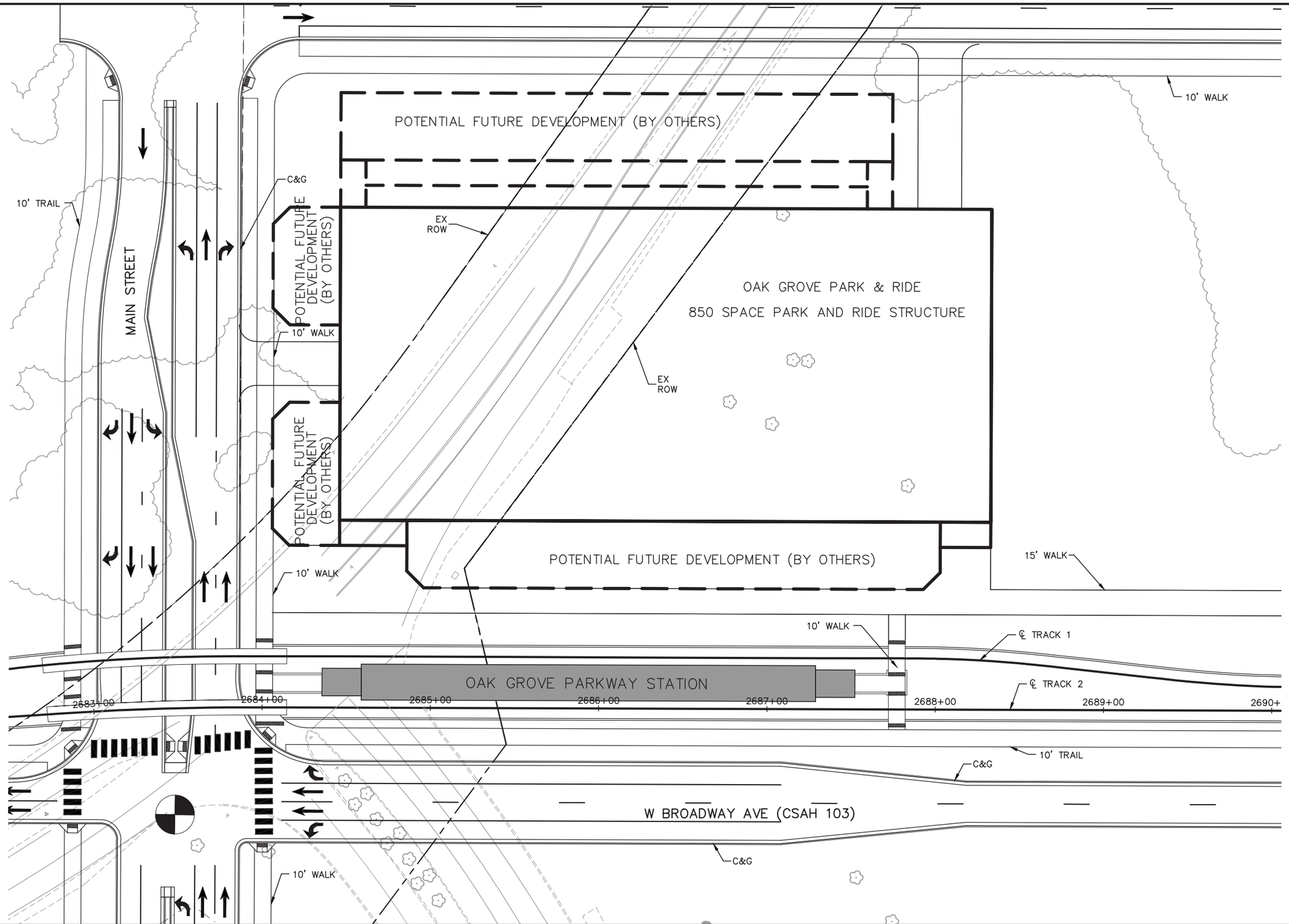
DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PLN-005

SHEET 262 OF 266

Dec, 08 2015 02:14 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PLN.dwg By: gstanley

NOTES:
850 PROVIDED PARKING STALLS
850 REQUIRED PARKING STALLS



0 15 30 60
HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

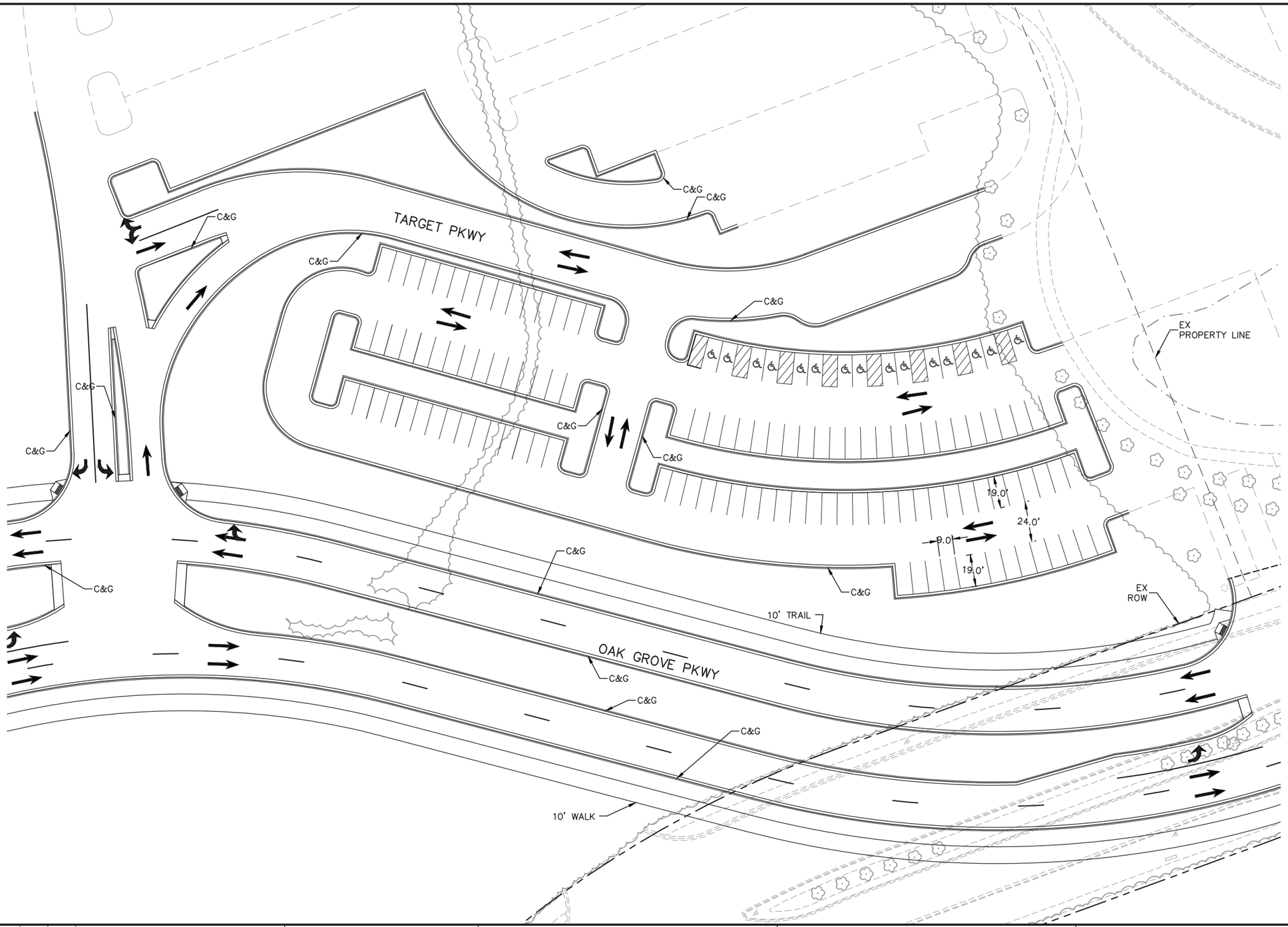
SEGMENT BP
OAK GROVE PARKWAY STATION
SITE PLAN

DISCIPLINE: **CIVIL**

SHEET NAME: **BP-CIV-PLN-006**

SHEET **263** OF **266**

Dec, 04 2015 01:52 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PLN.dwg By: mhuynh



NOTE:
133 PROVIDED PARKING STALLS

0 15 30 60
HORIZONTAL
SCALE IN FEET

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

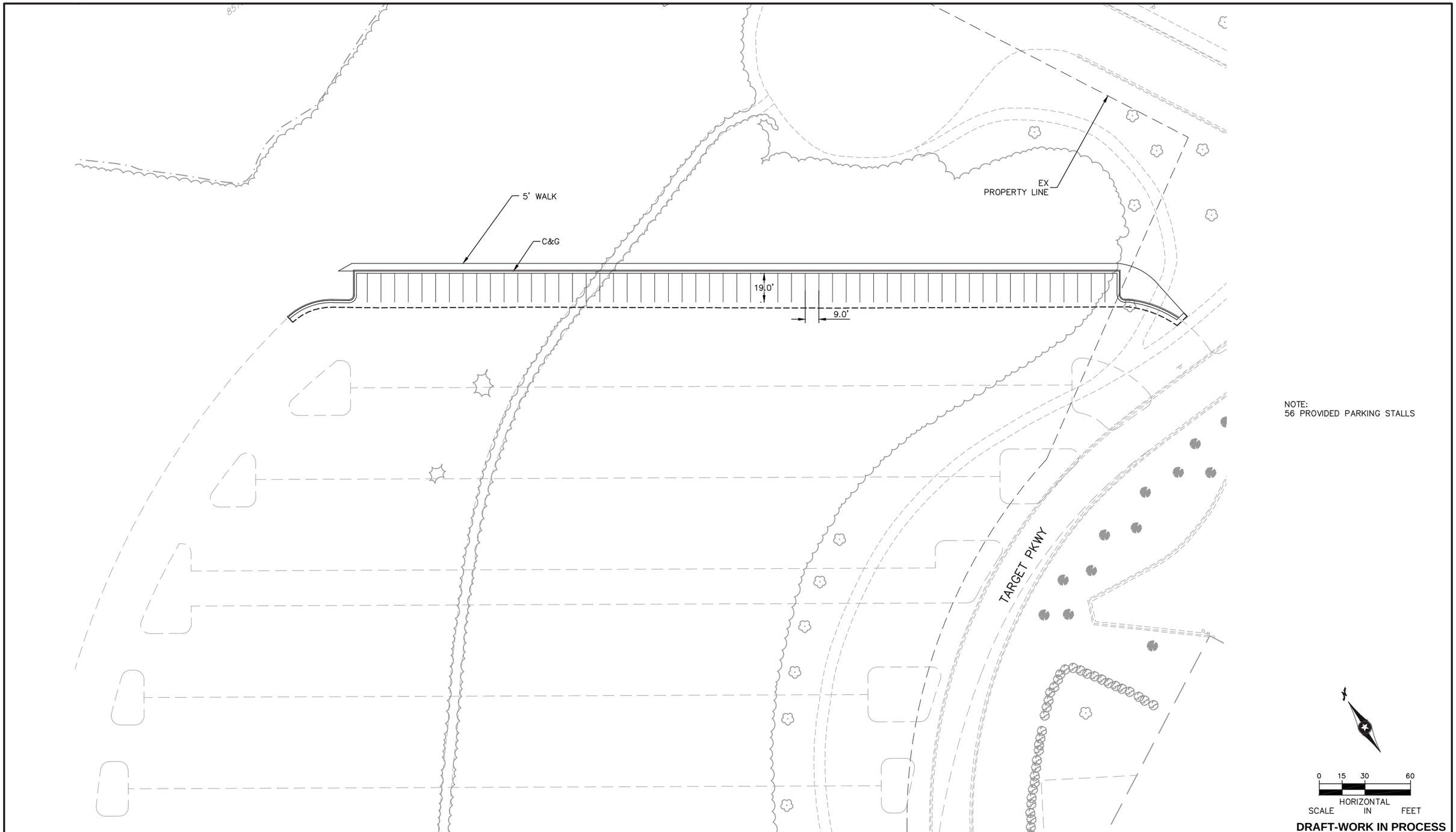
SEGMENT BP
TARGET PARKING LOT
SITE PLAN SOUTH

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PLN-007

SHEET 264 OF 266

Dec, 04 2015 01:53 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PLN.dwg By: mhuynh



NOTE:
56 PROVIDED PARKING STALLS

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

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MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION — Bottineau LRT

METROPOLITAN COUNCIL

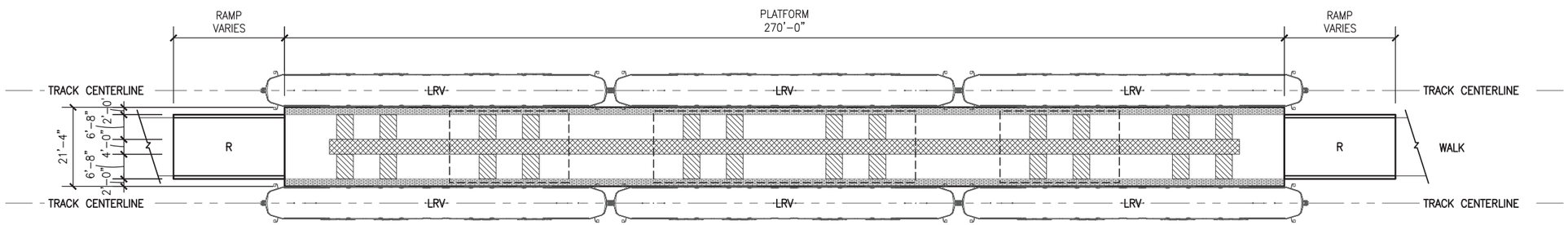
SEGMENT BP
TARGET PARKING LOT
SITE PLAN NORTH

DISCIPLINE: CIVIL

SHEET NAME: BP-CIV-PLN-008

SHEET 265 OF 266

Dec, 04 2015 01:53 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\CIVIL\BP1-CIV-PLN.dwg By: mhuynh



STATION PLATFORM ELEMENTS:

R — APPROACH RAMPS
- LESS THAN 5% SLOPE
- HAND RAILINGS ON BOTH SIDES

PATRON CIRCULATION ZONE
- CLEAR OF OBSTRUCTIONS
- WIDE ENOUGH TO ALLOW COMFORTABLE PASSAGE OF TWO PEOPLE

TRAIN LOADING AND UNLOADING ZONE
- AREAS WHERE TRAIN DOORS ARE LOCATED WHEN LRV IS AT STATION PLATFORM

PATRON WAITING AREA AND STRUCTURE ZONE
- FARE COLLECTION EQUIPMENT
- COMMUNICATIONS AND ELECTRICAL EQUIPMENT
- INFORMATION KIOSKS
- TRASH CANS
- SIGNAGE

SHELTER AND CANOPY STRUCTURE
- COVERED WINDSCREEN/SHELTER AREAS WITH BENCHES AND LEANING RAILS
- PROTECTION AT BOARDING AREAS

BOARDING EDGE
- ADA DETECTABLE WARNING AT EDGE OF PLATFORM

DRAFT-WORK IN PROCESS

NO.	DATE	BY	CHECK	DESIGN	REVISION / SUBMITTAL

Kimley»Horn
miller dunwiddie
ARCHITECTURE

MUNICIPAL CONSENT

METRO BLUE LINE EXTENSION Bottineau LRT

METROPOLITAN COUNCIL

SEGMENT BP

TYPICAL CENTER PLATFORM PLAN

DISCIPLINE: ARCHITECTURE

SHEET NAME: BP-ARC-STA-PLN-001

SHEET 266 OF 266

Dec, 04 2015 01:53 pm H:\BPO\550_Design_Consultant\CAD\001-SEGMENT-BP1\MC\PLAN SHEETS\ARCH\BP1-ARC-STA-PLN.dwg By: mhuynh