

CONTACT JULIE AT 811 OR 800-892-0123

With the following:



County MADISON
 City / Township CITY OF ALTON
 SW 1/4 SEC. 7 T.5N., R.9W.
 SE 1/4 SEC. 7 T.5N., R.9W.
 48 HOURS (2 working days) BEFORE YOU DIG

01-21-2022 LETTING ITEM 090 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 STP FUNDS

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
19-00240-00-RS	MADISON	25	1
FEDERAL AID PROJECT		CONTRACT NO. 97768	

AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- | | |
|---|---|
| ILLINOIS AMERICAN WATER CO.
4436 INDUSTRIAL DRIVE
ALTON, ILLINOIS 62002
(618) 466-2131 | AT&T COMMUNICATIONS
203 GOETHE
COLLINSVILLE, IL 62234
(618) 346-6422 |
| AMEREN IP
700 OAKWOOD AVENUE
ALTON, ILLINOIS 62002
(618) 463-4041 (ELECTRIC)
(618) 463-4027 (GAS) | ALTON PUBLIC WORKS
2 EMMA KAUS LANE
ALTON, ILLINOIS 62002
(618) 466-3133 |
| CHARTER COMMUNICATIONS
4767 SIGNATURE INDUSTRIAL DRIVE
EDWARDSVILLE, IL 62025
(618) 779-4179 | |

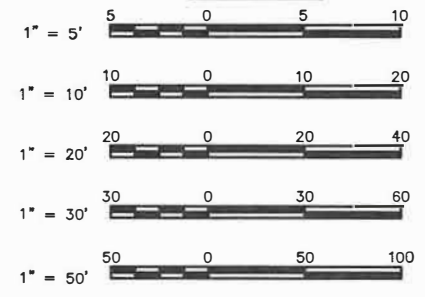
INDEX TO SHEETS

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HIGHWAY STANDARDS

000001-08	701501-06
001001-02	701502-09
001006	701801-06
424001-11	701901-08
424011-04	720001-01
442201-03	720006-04
604001-05	728001-01
664001-02	780001-05
701006-05	781001-04
701011-04	
701301-04	
701311-03	

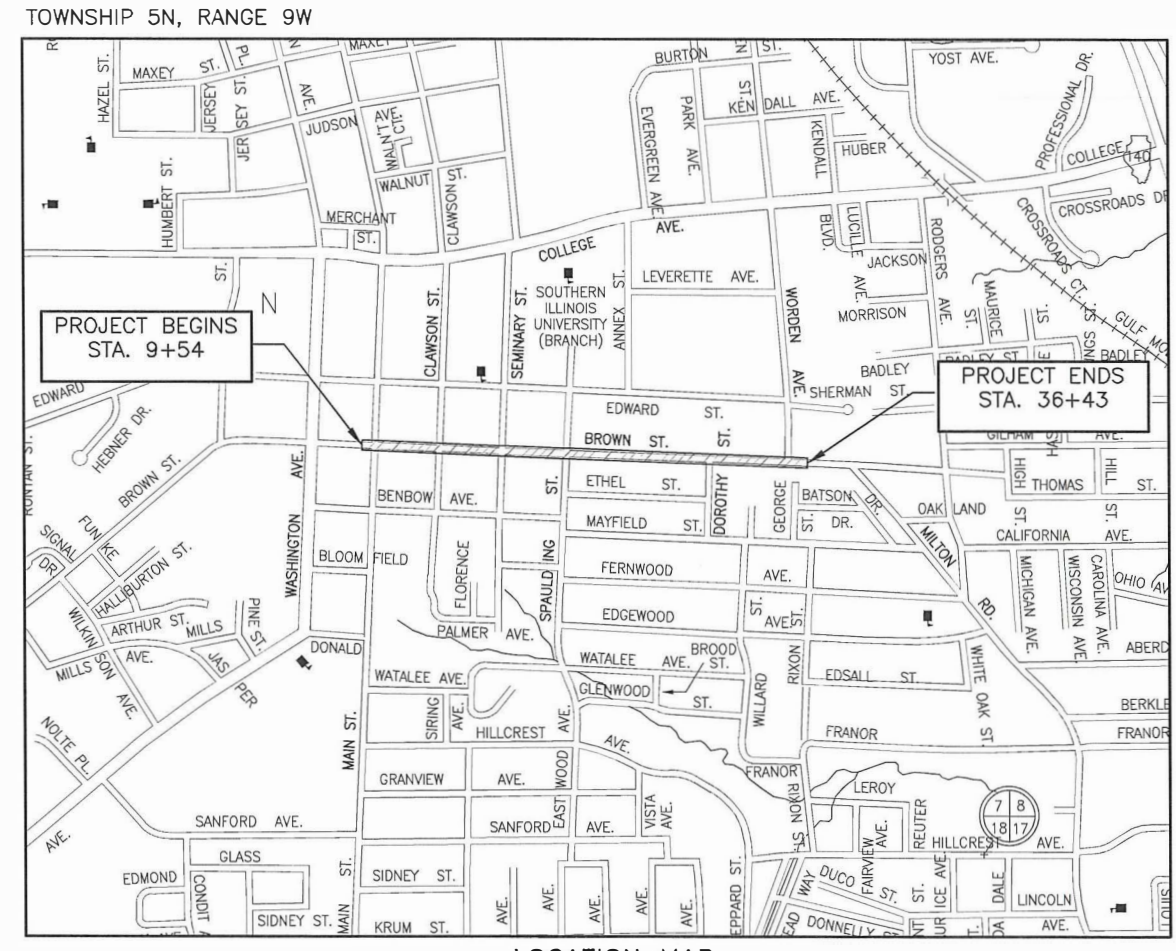
SCALES



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS THE ABOVE SCALES MAY BE USED.

FUNCTIONAL CLASSIFICATION: MINOR ARTERIAL
 DESIGN SPEED = 30 M.P.H.
 ADT: 9,200 (2016), 9,860 (2023)

BROWN STREET
 SECTION 19-00240-00-RS
 FAU ROUTE 8962
 PROJECT BMLB(180)
 CITY OF ALTON, ILLINOIS
 MADISON COUNTY
 JOB C-98-007-23



LOCATION MAP
 SCALE IN FEET

GROSS LENGTH = 2,689.00 FEET = 0.509 MILES
 NET LENGTH = 2,689.00 FEET = 0.509 MILES

SMS ENGINEERS Sheppard Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS & LAND SURVEYORS
 216 Market Street
 Alton, Illinois 62002
 618/482-9755



LOCATION OF SECTION INDICATED THIS:-

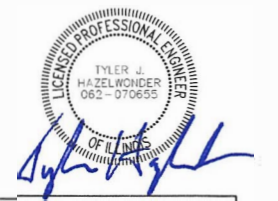
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

APPROVED: October 25, 2021
David Harris
 MAYOR

PASSED: 11-4 2021
[Signature]
 DISTRICT 8 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
 BASED UPON LIMITED
 REVIEW: 11-4 2021
[Signature]
 REGIONAL ENGINEER

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 PRINTED BY AUTHORITY OF THE STATE OF ILLINOIS



DATE SIGNED 10-25-2021
 EXPIRATION DATE 11-30-2021

STANDARD SYMBOL LEGEND

EXISTING

- EXISTING GUY POLE - -○-
- EXISTING LIGHT POLE - -X-
- EXISTING POWER POLE - -○-
- EXISTING TELEPHONE POLE - -○-
- EXISTING GUY WIRE - -○-
- EXISTING TRANSMISSION TOWER - □
- EXISTING ELECTRIC SPLICE BOX - □^E
- EXISTING TELEPHONE SPLICE BOX - □^{TV}
- EXISTING CABLE SPLICE BOX - □^{TV}
- EXISTING WATER HYDRANT - ○^{FH}
- EXISTING GAS METER - ○^G
- EXISTING WATER METER - ○^W
- EXISTING WATER VALVE - ○^V
- EXISTING GAS VALVE - ○^G
- EXISTING FIRE HYDRANT - ○^{FH}
- EXISTING SANITARY MANHOLE TOP - ○
- EXISTING STORM MANHOLE TOP - ○
- EXISTING TELEPHONE MANHOLE TOP - ○^T
- EXISTING SANITARY CLEAN OUT - ○
- CONTROL POINT - △^{XXX}
- BENCHMARK - ○^{BM}
- TEST PIT / NUMBER - ○^X
- BORING / NUMBER - ○^X
- RIGHT-OF-WAY MARKER - ○^{MON}
- AXLE FOUND - ○^{AXLE}
- BOLT FOUND - ○^{BOLT}
- CHISELED "X" FOUND - X
- PIN FOUND - ○^{IP}
- PINCH PIPE FOUND - ○^{IP}
- PK NAIL FOUND - ○^{PK}
- RAILROAD SPIKE FOUND - ○^{RR}
- STONE FOUND - □^{STONE}
- BRASS MONUMENT FOUND - ○^{MON}
- IRON PIPE FOUND - ○^{IP}
- MONUMENT FOUND - □^{MON}
- REBAR FOUND - ○^{RBR}
- EXISTING MAILBOX - □
- EXISTING FENCE POST - ○
- EXISTING GATE POST - ○
- EXISTING FLAG POLE - ○
- EXISTING GUARD POST - ○^{GP}
- EXISTING ADVERTISING SIGN - □
- EXISTING TRAFFIC SIGN - □
- EXISTING PARKING METER - ○^P
- EXISTING RAILROAD MILE POST - ○^{MP}
- EXISTING RAILROAD SIGNAL CONTROLLER - □
- EXISTING RAILROAD CROSSING GATE - X
- EXISTING TRAFFIC SIGNAL - ○
- EXISTING TRAFFIC SIGNAL CONTROLLER - □
- EXISTING HANDHOLE - □
- EXISTING DOUBLE HANDHOLE - □
- EXISTING MAST ARM BASE - ○
- EXISTING DECIDUOUS TREE / SIZE - ○^{XX"}
- EXISTING EVERGREEN TREE / SIZE - ○^{XX"}
- EXISTING STUMP / SIZE - ○^{XX"}
- EXISTING BUSH - ○
- EXISTING SHRUB - ○
- EXISTING TREE TO BE REMOVED - X

PROPOSED

- PROPOSED GUY POLE - -○-
- PROPOSED LIGHT POLE - -X-
- PROPOSED POWER POLE - -○-
- PROPOSED TELEPHONE POLE - -○-
- PROPOSED GUY WIRE - -○-
- PROPOSED TRANSMISSION TOWER - □
- PROPOSED ELECTRIC SPLICE BOX - □^E
- PROPOSED TELEPHONE SPLICE BOX - □^{TV}
- PROPOSED CABLE SPLICE BOX - □^{TV}
- PROPOSED WATER HYDRANT - ○^{FH}
- PROPOSED GAS METER - ○^G
- PROPOSED WATER METER - ○^W
- PROPOSED WATER VALVE - ○^V
- PROPOSED GAS VALVE - ○^G
- PROPOSED FIRE HYDRANT - ○^{FH}
- PROPOSED SANITARY MANHOLE TOP - ○
- PROPOSED STORM MANHOLE TOP - ○
- PROPOSED TELEPHONE MANHOLE TOP - ○^T
- PROPOSED SANITARY CLEAN OUT - ○
- PROPOSED MAILBOX - □
- PROPOSED GUARD POST - ○^{GP}
- PROPOSED ADVERTISING SIGN - □
- PROPOSED TRAFFIC SIGN - □
- PROPOSED RAILROAD MILE POST - ○^{MP}
- PROPOSED RAILROAD SIGNAL CONTROLLER - □
- PROPOSED RAILROAD CROSSING GATE - X
- PROPOSED TRAFFIC SIGNAL - ○
- PROPOSED TRAFFIC SIGNAL CONTROLLER - □
- PROPOSED HANDHOLE - □
- PROPOSED DOUBLE HANDHOLE - □
- PROPOSED MAST ARM BASE - ○
- PROPOSED DECIDUOUS TREE / SIZE - ○^{XX"}
- PROPOSED EVERGREEN TREE / SIZE - ○^{XX"}
- PROPOSED BUSH - ○
- PROPOSED PLANT - *
- PROPOSED EDGE OF PAVEMENT ELEVATION - + 512.00 EP
- PROPOSED PAVEMENT ELEVATION - + 505.50 P
- PROPOSED CURB ELEVATION - + 550.25 TC
- PROPOSED SIDEWALK ELEVATION - + 515.15 SW
- PROPOSED FLOWLINE ELEVATION - + 501.58 FL

SIDEWALK LEGEND

- RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- DETECTABLE WARNING
- LANDING - MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT** - BLENDED TRANSITION - MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T** - TRANSITION TO MEET EXISTING SIDEWALK
- P** - PASSING SPACE - MIN. SIZE 5' X 5', MAX CROSS SLOPE = 2.0%

STANDARD LINE TYPE LEGEND

EXISTING FEATURES

- EXISTING CENTERLINE - - - - -
- EXISTING BASELINE - - - - -
- EXISTING RIGHT-OF-WAY - - - - -
- EXISTING SECTION LINE - - - - -
- EXISTING PROPERTY LINE - P/L - - - - -
- EXISTING EASEMENT - - - - -
- EXISTING SETBACK - - - - -
- EXISTING MAJOR CONTOUR - 500 - - - - -
- EXISTING MINOR CONTOUR - 501 - - - - -
- EXISTING DITCH - - - - -
- EXISTING POND, LAKE, BODY OF WATER, ETC. - - - - -
- EXISTING RAILROAD - - - - -
- EXISTING BRUSH / HEDGE / TREE LINE - - - - -
- EXISTING FENCE - X - - - - -
- EXISTING GUARDRAIL - - - - -
- EXISTING CULVERT - - - - -
- EXISTING STORM SEWER - - - - -
- EXISTING SANITARY SEWER - - - - -
- EXISTING FORCEMAIN - FM - - - - -
- EXISTING WATER - W - - - - -
- EXISTING UNDERGROUND ELECTRIC - E - - - - -
- EXISTING GAS - G - - - - -
- EXISTING UNDERGROUND TELEPHONE - T - - - - -
- EXISTING FIBER OPTIC - FO - - - - -
- EXISTING UNDERGROUND CABLE TV - TV - - - - -
- EXISTING OVERHEAD TELEPHONE - OT - - - - -
- EXISTING OVERHEAD ELECTRIC - OE - - - - -
- EXISTING OVERHEAD CABLE TV - OTV - - - - -

PROPOSED FEATURES

- PROPOSED CENTERLINE - - - - -
- PROPOSED BASELINE - - - - -
- PROPOSED RIGHT-OF-WAY - - - - -
- PROPOSED LOT LINE - - - - -
- PROPOSED EASEMENT - - - - -
- PROPOSED CONSTRUCTION EASEMENT OR TEMPORARY USE PERMIT - - - - -
- PROPOSED CONSTRUCTION LIMITS - - - - -
- PROPOSED SETBACK - - - - -
- PROPOSED MAJOR CONTOUR - 500 - - - - -
- PROPOSED MINOR CONTOUR - 501 - - - - -
- PROPOSED DITCH - - - - -
- PROPOSED POND, LAKE, BODY OF WATER, ETC. - - - - -
- PROPOSED RAILROAD - - - - -
- PROPOSED FENCE - X - - - - -
- PROPOSED GUARDRAIL - - - - -
- PROPOSED PERIMETER EROSION BARRIER - - - - -
- PROPOSED CULVERT - - - - -
- PROPOSED STORM SEWER - - - - -
- PROPOSED SANITARY SEWER - - - - -
- PROPOSED FORCEMAIN - FM - - - - -
- PROPOSED WATER - W - - - - -
- PROPOSED UNDERGROUND ELECTRIC - E - - - - -
- PROPOSED GAS - G - - - - -
- PROPOSED UNDERGROUND TELEPHONE - T - - - - -
- PROPOSED FIBER OPTIC - FO - - - - -
- PROPOSED UNDERGROUND CABLE TV - TV - - - - -
- PROPOSED OVERHEAD TELEPHONE - OT - - - - -
- PROPOSED OVERHEAD ELECTRIC - OE - - - - -
- PROPOSED OVERHEAD CABLE TV - OTV - - - - -

ABBREVIATIONS

ADT	AVERAGE DAILY TRAFFIC	OL	OPEN LID
BK	BACK	PC	POINT OF CURVE
BM	BENCH MARK	PE	PRIVATE ENTRANCE
BVCE	BEGIN VERTICAL CURVE ELEVATION	PI	POINT OF INTERSECTION
BVCS	BEGIN VERTICAL CURVE STATION	PK	PK NAIL
C&G	CURB AND GUTTER	PP	POWER POLE
C/L	CENTER LINE	PRCF	PRECAST REINFORCED CONCRETE FLARED
CE	COMMERCIAL ENTRANCE	PT	POINT OF TANGENT
C	CAST IRON	PVC	POINT OF VERTICAL CURVE
CL	CLOSED LID	R	RADIUS
CM	CONCRETE MONUMENT	RBR	REBAR
COMP	CORRUGATED METAL PIPE	RDMH	RESTRICTED DEPTH MANHOLE
CONC	CONCRETE	ROW	RIGHT OF WAY
CT	CRIMP TOP PIPE	RR	RAILROAD
CU YD	CUBIC YARD	RRPM	RAISED REFLECTIVE PAVEMENT MARKER
DE	DRAINAGE EASEMENT	RT	RIGHT
DIP	DUCTILE IRON PIPE	S	SOUTH
E	EAST	SE	SOUTHEAST
ELEV	ELEVATION	SL	SECTION LINE
EP	EDGE OF PAVEMENT	SS1	STORM SEWER TYPE 1
EQN STA	EQUATION STATION	SS2	STORM SEWER TYPE 2
ES	EDGE OF SHOULDER	SS3	STORM SEWER TYPE 3
FE	FIELD ENTRANCE	STA	STATION
FH	FIRE HYDRANT	SW	SOUTHWEST
FL	FLOWLINE	TB	TRENCH BACKFILL
FT	FOOT	TBR	TO BE REMOVED
FWD	FORWARD	TC	TOP OF CURB
GP	GUARD POST	TCE	TEMPORARY CONSTRUCTION EASEMENT
HDPE	HIGH DENSITY POLYETHYLENE	TPM	TEMPORARY PAVEMENT MARKING
HMA	HOT-MIX ASPHALT	TPPM	THERMOPLASTIC PAVEMENT MARKING
IP	IRON PIPE	TUP	TEMPORARY USE PERMIT
LT	LEFT	TY	TYPE
MON	MONUMENT	TYP	TYPICAL
MP	MILE PIPE	VC	VERTICAL CURVE
N	NORTH	VCP	VITRIFIED CLAY PIPE
NE	NORTHEAST	W	WEST
NW	NORTHWEST	WMQ	WATER MAIN QUALITY
O&C	OIL AND CHIP		

GENERAL NOTES

- THE PLANS SHOW THE APPROXIMATE LOCATION OF KNOWN UTILITIES, BUT DO NOT SHOW HOUSE OR SERVICE CONNECTIONS. UTILITY INFORMATION PROVIDED IS BASED ON INFORMATION OBTAINED FROM UTILITY COMPANIES AND SHALL NOT BE CONSIDERED TO BE ACCURATE OR COMPLETE. THE CONTRACTOR SHALL USE ALL DUE PRECAUTION NOT TO DAMAGE OR DISTURB ANY UTILITIES AND THE ENTIRE COST OF MAKING REPAIRS TO, OR REPLACEMENT OF, ANY DAMAGED LINE WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- PROPOSED ELEVATIONS SHOWN ON THE PLANS AS +/- ARE APPROXIMATE, EXACT ELEVATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. IF APPLICABLE, ELEVATIONS SHALL BE DETERMINED PRIOR TO FABRICATION OF THE DRAINAGE STRUCTURES.
- PLAN QUANTITIES FOR HOT-MIX ASPHALT ITEMS WERE CALCULATED USING AN APPLICATION RATE OF 112 LBS. / SQ. YD. / IN.
- UNLESS OTHERWISE PROVIDED FOR HEREIN, THE CONTRACTOR SHALL PROTECT AND RESTORE EXISTING TRAFFIC SIGNS IN ACCORDANCE WITH ARTICLE 107.25 OF THE STANDARD SPECIFICATIONS. AT LOCATIONS WHERE EXISTING SIGNS ARE TO BE REMOVED, THE CONTRACTOR SHALL REMOVE THE EXISTING SIGNS AND DELIVER THEM TO THE CITY OF ALTON STREET DEPARTMENT. THE COST OF THIS WORK WILL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICE FOR SIGN REMOVAL AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- ALL CONSTRUCTION ON THIS PROJECT SHALL COMPLY WITH THE REQUIREMENTS OF THE "PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES" (PROWAG) WITHIN THE PEDESTRIAN ACCESS ROUTE (PAR). THE PAR IS A SPACE WITH A MINIMUM WIDTH OF 4 FEET WITHIN SIDEWALKS, CURB RAMPS, DRIVEWAY PAVEMENTS AND PAVEMENT SURFACE WITHIN CROSSWALKS.
- AT LOCATIONS WHERE CONCRETE CURB, TYPE B OR COMBINATION CONCRETE CURB AND GUTTER IS REMOVED AND REPLACED ADJACENT TO AREAS WHERE THE HOT-MIX ASPHALT RESURFACING EXTENDS TO THE CURB, DEPRESSED CURBS FOR CURB RAMPS SHALL BE PLACED AT THE PROPER HEIGHT REQUIRED TO MEET TO PROPOSED FINAL PAVEMENT SURFACE.
- AT LOCATIONS WHERE THE EXISTING GUTTER PAN IS BELOW THE HMA SURFACE AND THE COMBINATION CONCRETE CURB AND GUTTER IS TO BE REMOVED AND REPLACED, THE NEW GUTTER PAN SHALL BE HELD 3 INCHES LOW TO ALLOW FOR THE NEW HMA TO BE PLACED AT THE FACE OF CURB.
- TEMPORARY RAMPS SHALL BE 5' LONG ON BROWN STREET AND 2' LONG ON ALL SIDE STREETS.

COMMITMENTS

NONE

BENCHMARK INFORMATION

SITE BENCHMARK:
SET CUT CROSS ON THE BASE OF SIGN AT NW CORNER OF CLAWSTON ST.
STA. 14+28.65, 23.84' LT.
ELEV. = 545.97

SURVEY CONTROL POINTS				
VERTICAL CONTROL (BENCH MARKS)				
BENCH MARK	LOCATION	ELEVATION	DESCRIPTION	
3	STA. 10+30.20, 27.54' LT.	552.50	SET CUT CROSS ON SW BOLT OF FIRE HYDRANT LOCATED AT NW CORNER OF MAIN ST.	
6	STA. 17+56.78, 22.52' LT.	543.74	SET CUT CROSS ON SOUTH SIDE OF FIRE HYDRANT LOCATED AT THE NW CORNER OF SEMINARY ST.	
9	STA. 22+29.81, 21.47' LT.	543.04	SET CUT CROSS ON SOUTH BOLT OF FIRE HYDRANT LOCATED AT THE NE CORNER OF SPAULDING ST.	
11	STA. 25+87.18, 222.11' LT.	523.48	SET CUT CROSS ON SE BOLT OF FIRE HYDRANT LOCATED IN FRONT OF 3000 BROWN ST.	
HORIZONTAL CONTROL				
CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
CP #5	813205.99	2302284.41	547.15	SET RE-BAR W/ CP CAP
CP #7	813250.04	2302697.16	541.23	SET RE-BAR W/ CP CAP
CP #8	813182.17	2303021.34	532.99	SET -REBAR W/ CP CAP
CP #10	813218.75	2303438.97	532.25	SET RE-BAR W/ CP CAP

* ELEVATIONS SHOULD BE CHECKED FROM A BENCHMARK.

REVISIONS

SMS Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, Alton, IL 62002 618462-9755 E-mail: mail@smsengineers.com
ENGINEERS DESIGN FIRM # 184-000992

CITY OF ALTON, ILLINOIS
 SECTION 19-00240-00-RS
 BROWN STREET RESURFACING
 GENERAL NOTES, LEGENDS, CONTROL POINTS, AND COMMITMENTS

CONTRACT NO.
97768

BROWN ST GEN NOTES.dwg
 REF. BK. PG.
 JOB NO. 500206
 DSNL BY: DEG
 DWN. BY: CDP
 CHK. BY: DEG
 DATE: JULY, 2021

SCALE:
SHEET 2 OF 25

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE		0005	
CODE NO.	ITEM	UNIT	QUANTITY
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	10
31101000	SUBBASE GRANULAR MATERIAL, TYPE B	TON	20
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	4,332
40600990	TEMPORARY RAMP	SQ YD	901
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	809
40604162	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	809
40800025	BITUMINOUS MATERIALS (PRIME COAT)	POUND	43
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	9
42300400	POTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	7
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	3,338
42400800	DETECTABLE WARNINGS	SQ FT	326
44000100	PAVEMENT REMOVAL	SQ YD	598
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	9,626
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	7
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	599
44000600	SIDEWALK REMOVAL	SQ FT	2,696
44200140	PAVEMENT PATCHING, TYPE I, 12 INCH	SQ YD	5
44200144	PAVEMENT PATCHING, TYPE II, 12 INCH	SQ YD	162
44200148	PAVEMENT PATCHING, TYPE III, 12 INCH	SQ YD	165
44200150	PAVEMENT PATCHING, TYPE IV, 12 INCH	SQ YD	512
60600605	CONCRETE CURB, TYPE B	FOOT	528
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	53
67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	4
67100100	MOBILIZATION	L SUM	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	2,957
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	986
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	32

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE		0005	
CODE NO.	ITEM	UNIT	QUANTITY
70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	7,445
70300241	TEMPORARY PAVEMENT MARKING - LINE 6" - PAINT	FOOT	994
70300261	TEMPORARY PAVEMENT MARKING - LINE 12" - PAINT	FOOT	219
70300281	TEMPORARY PAVEMENT MARKING - LINE 24" - PAINT	FOOT	108
Δ 72000100	SIGN PANEL - TYPE 1	SQ FT	110
Δ 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	216
Δ 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	32
Δ 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	7,445
Δ 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	994
Δ 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	219
Δ 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	108
Δ 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	25
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	18
X0300019	REMOVE AND REINSTALL PARKING BLOCKS	EACH	2
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	35
X4402400	CURB REMOVAL (SPECIAL)	FOOT	79
X6025600	MANHOLES TO BE ADJUSTED (SPECIAL)	EACH	1
X6025800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID, SPECIAL	EACH	9
X6061005	CONCRETE CURB, TYPE B (SPECIAL)	FOOT	79
Δ X6640304	CHAIN LINK FENCE TO BE REMOVED AND RE-ERECTED	FOOT	18
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1
783002002	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3,414
X7240300	SIGN REMOVAL	EACH	7
Δ X7350010	SIGN SUPPORT BRACKET	EACH	3
Δ Z0019307	HOLES DRILLED	EACH	5
XX009494	PAVEMENT REPLACEMENT, SPECIAL, TYPE 1	SQ YD	207
XX009495	PAVEMENT REPLACEMENT, SPECIAL, TYPE 2	SQ YD	475

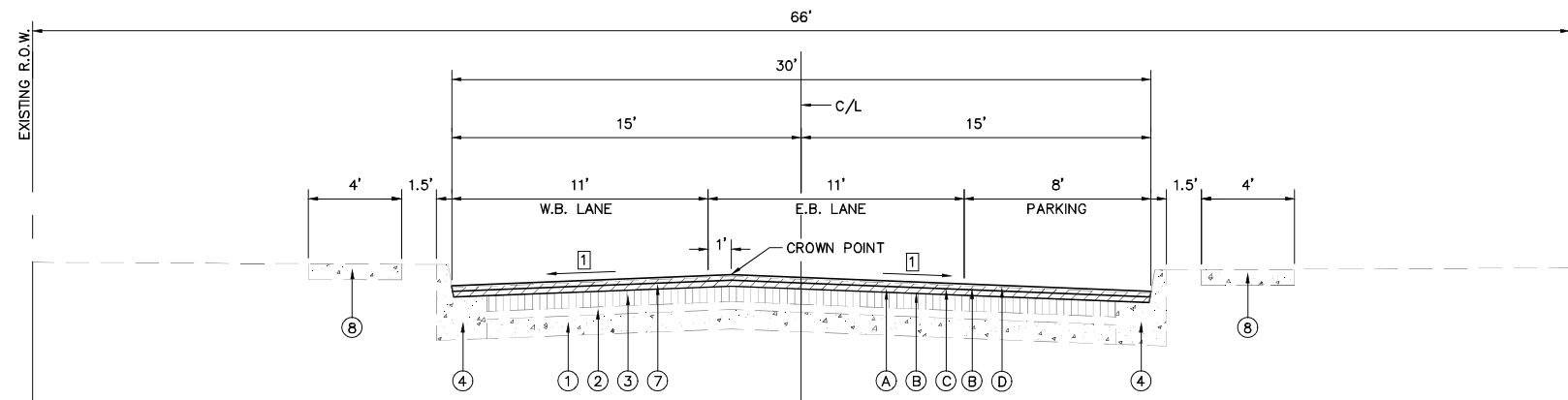
Δ SPECIALTY ITEMS

REVISIONS									
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SMS ENGINEERS
 Sheppard, Morgan & Schwaab, Inc.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 215 Market Street, Alton, IL 62002 618-462-9755 E-mail: mail@smseengineers.com
 DESIGN FIRM # 184-000952

CITY OF ALTON, ILLINOIS
 SECTION 19-00240-00-RS
 BROWN STREET RESURFACING
 SUMMARY OF QUANTITIES

CONTRACT NO.	97768
BROWN_ST_QUANTITIES.dwg	
REF. BK.	PG.
JOB NO.	500206
DSN. BY:	DEG
DRN. BY:	CDP
CHK. BY:	DEG
DATE:	JULY, 2021
SCALE:	
SHEET	3 OF 25



**TYPICAL SECTION
BROWN STREET**

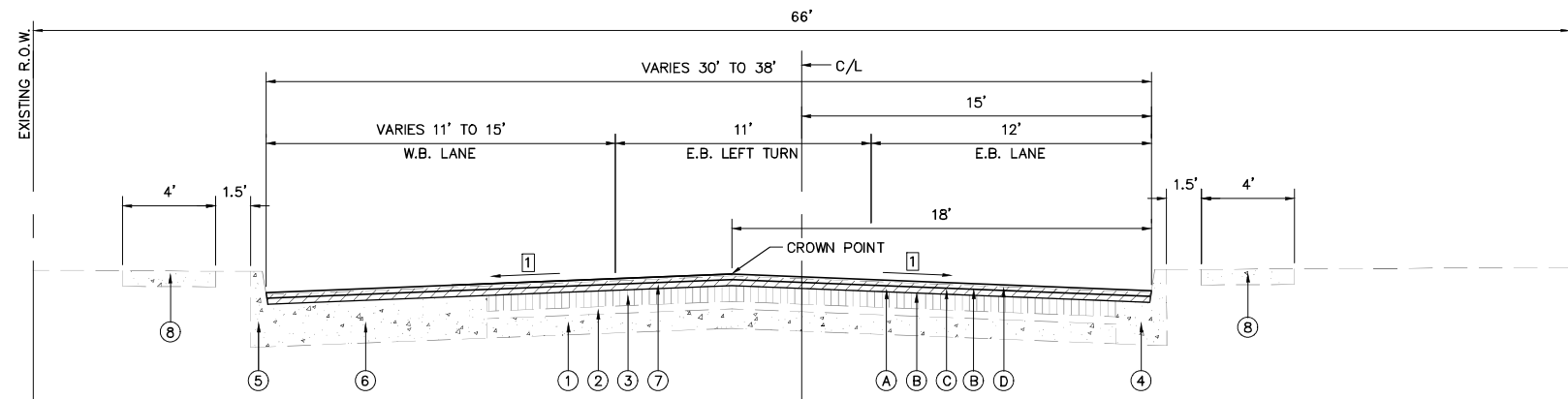
STA. 9+54 TO STA. 32+95

PAVING LEGEND

- ① EXISTING P.C.C. BASE COURSE, 5"
- ② EXISTING 2" SAND CUSHION
- ③ EXISTING 4" BRICK
- ④ EXISTING C.C.C. & G. TYPE B-6.18
- ⑤ EXISTING CONCRETE CURB, TYPE B W/ TIE BARS
POURED MONOLITHIC W/ P.C.C. BASE CSE.
- ⑥ EXISTING P.C.C. BASE COURSE, 9"
- ⑦ EXISTING HMA SURFACE, 2-1/2"
- ⑧ EXISTING P.C.C. SIDEWALK
- A PROPOSED HMA SURFACE REMOVAL, 2-1/2" SHOWN AS
- B PROPOSED BITUMINOUS MATERIALS (TACK COAT) (SSI-VH)
- C PROPOSED HMA BINDER COURSE N70, 1-1/2"
- D PROPOSED POLYMERIZED HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1-1/2"

TYPICAL SECTION NOTES

- 1 MATCH EXISTING CROSS SLOPE WHICH IS 1.5% TO 2.0%
- 2 ADDITIONAL SIDEWALK WORK BEING DONE BETWEEN STA. 36+40 AND STA. 36+43



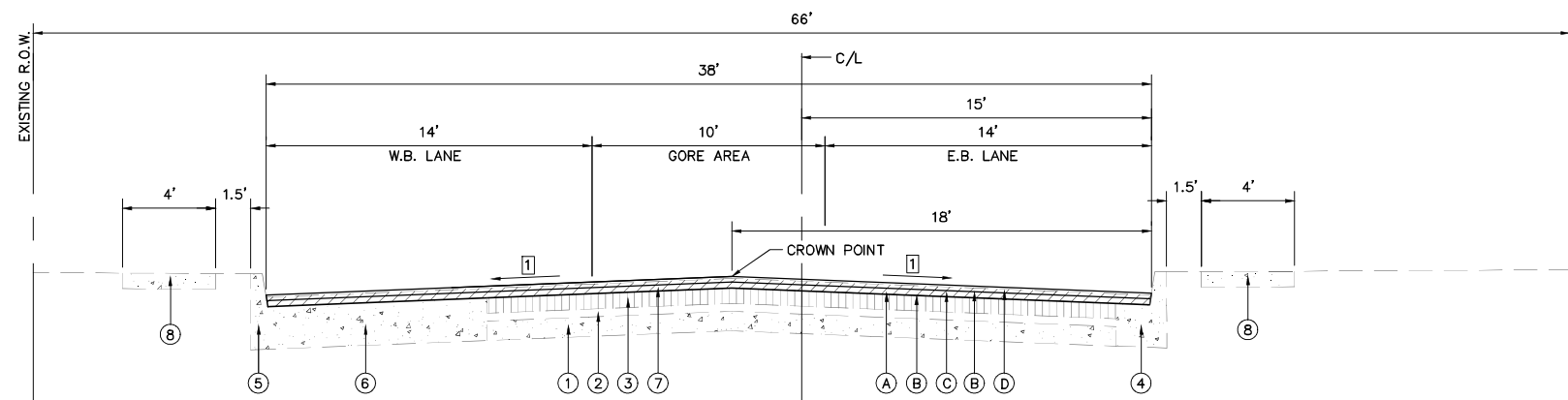
**TYPICAL SECTION
BROWN STREET**

STA. 32+95 TO STA. 35+25

MIX DESIGNS

MIXTURE USE	POLY SURFACE	BINDER	INCIDENTAL
AC/PG	SBS PG 70-22	PG 64-22	PG 64-22
MAX. RAP %	*	*	*
DESIGN AIR VOIDS	4% @ NDES = 70	4% @ NDES = 70	4% @ NDES = 50 OR 70
MIX COMPOSITION (GRADATION MIXTURE)	IL-9.5	IL-9.5	----
FRICTION AGG.	MIX D	MIX C	MIX C

*SEE SPECIAL PROVISIONS



**TYPICAL SECTION
BROWN STREET**

STA. 35+25 TO STA. 36+40 2

REVISIONS

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DESIGN: FRIV # 21-000997

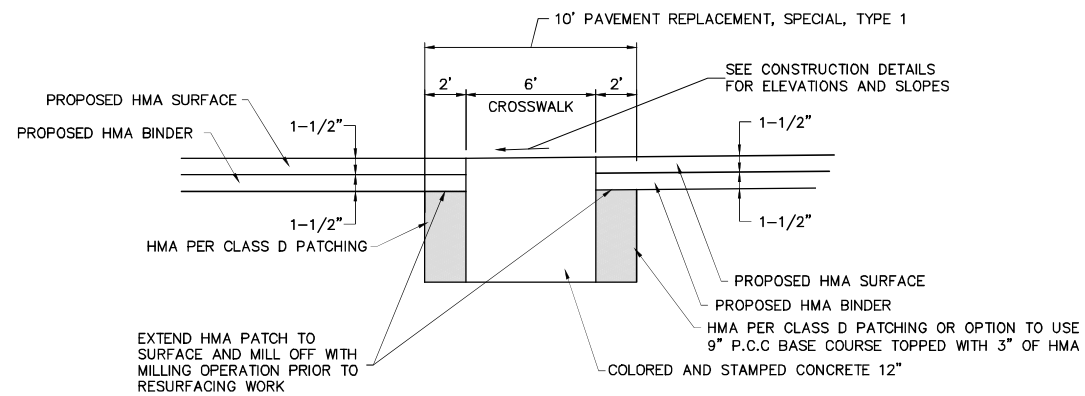
CITY OF ALTON, ILLINOIS
SECTION 19-00240-00-RS
BROWN STREET RESURFACING
TYPICAL SECTIONS

CONTRACT NO.
97768

BROWN ST TYP.dwg
REF. BK. PG.
JOB NO. 500206
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: JULY, 2021

SCALE: NONE

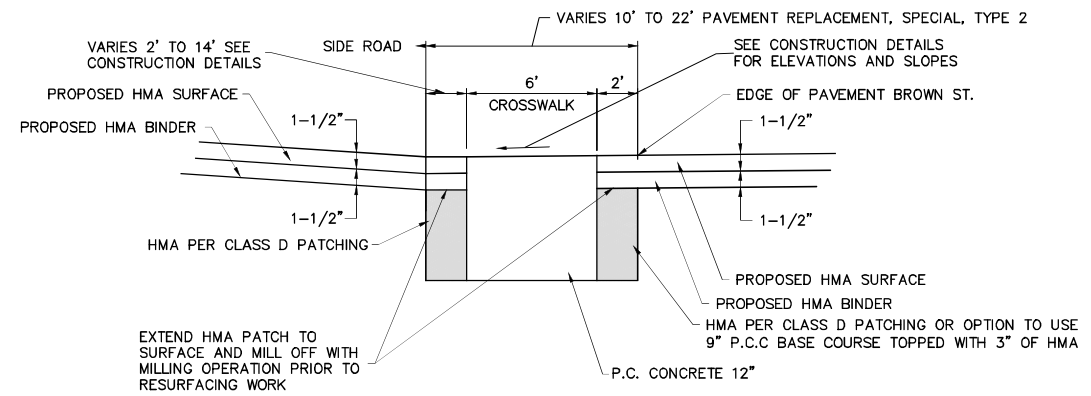
SHEET 4 OF 25



NOTE: THIS WORK SHALL BE DONE PRIOR TO THE MILLING AND RESURFACING WORK.

PROPOSED TYPICAL SECTION

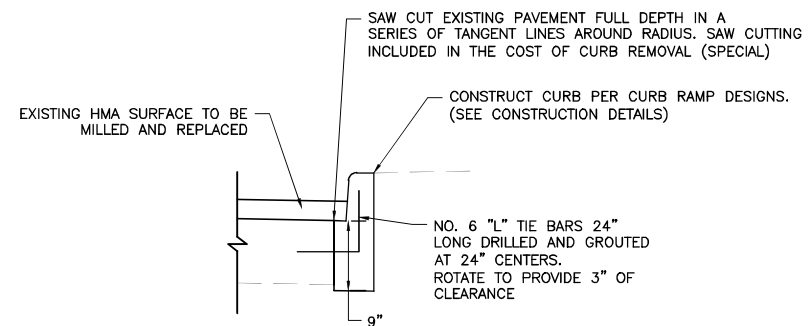
CROSSWALKS AT THE INTERSECTION OF BROWN ST. WITH MAIN ST.



NOTE: THIS WORK SHALL BE DONE PRIOR TO THE MILLING AND RESURFACING WORK.

PROPOSED TYPICAL SECTION

CROSSWALKS AT SIDEROADS



PROPOSED TYPICAL SECTION

CONCRETE CURB, TYPE B (SPECIAL)

REVISIONS

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ENGINEERS

CITY OF ALTON, ILLINOIS
 SECTION 19-00240-00-RS
 BROWN STREET RESURFACING
 TYPICAL SECTIONS

CONTRACT NO. 97768	
BROWN ST TYP.dwg	PG.
REF. BK.	PG.
JOB NO. 500206	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: JULY, 2021	
SCALE: NONE	
SHEET 5 OF 25	

SIGN AND POST SCHEDULE

STATION	OFFSET	TYPE	DESCRIPTION	DIMENSIONS (IN.)		SIGN PANEL T1 (SQ FT)	TELES STL SIN SUPPORT (FOOT)	SIGN REMOVAL (EACH)	SIGN SUPPORT BRACKET (EACH)	HOLES DRILLED (EACH)	COMMENT
				WIDTH	DEPTH						
BROWN STREET											
9+66.00	29.50'	R1-1	STOP SIGN	30	30	6.3	16				
9+67.61	27.1' RT							1			EXISTING STOP SIGN
9+74.94	34.4' LT							1			EXISTING STOP SIGN
9+76.54	34.4' LT		STOP SIGN	30	30	6.3	16			1	
10+35.34	18.0' LT	R1-1	STOP SIGN	30	30	6.3	16		1	1	
		D3-1	STREET NAME (MAIN ST)	36	8	2.0					MOUNTED WITH STOP SIGN
		D3-1	STREET NAME (BROWN ST)	36	8	2.0					MOUNTED WITH STOP SIGN
10+37.60	17.0' LT							1			EXISTING STOP SIGN
12+83.00	16.5' RT	W11-2	PEDESTRIAN	30	30	6.3	17				
		W16-9P	AHEAD	24	12	2.0					
14+33.00	16.8' RT	W11-2	PEDESTRIAN	30	30	6.3	17				
		W16-7P	DOWNWARD DIAGONAL ARROW	24	12	2.0					
14+35.00	16.30' LT	W11-2	PEDESTRIAN	30	30	6.3	17				
		W16-7P	DOWNWARD DIAGONAL ARROW	24	12	2.0					
15+33.00	16.0' RT							1			EXISTING PEDESTRIAN SIGN
15+95.00	16.6' RT	W11-2	PEDESTRIAN	30	30	6.3	17				
		W16-9P	AHEAD	24	12	2.0					
21+73.50	23.0' LT	R1-1	STOP SIGN	30	30	6.3	16		1	1	
		D3-1	STREET NAME (SPALDING ST)	36	8	2.0					MOUNTED WITH STOP SIGN
		D3-1	STREET NAME (BROWN ST)	36	8	2.0					MOUNTED WITH STOP SIGN
21+74.60	22.2' LT							1			EXISTING STOP SIGN
33+78.00	23.0' RT	W11-2	PEDESTRIAN	30	30	6.3	17				
		W16-9P	AHEAD	24	12	2.0					
35+28.00	23.0' RT	W11-2	PEDESTRIAN	30	30	6.3	17				
		W16-7P	DOWNWARD DIAGONAL ARROW	24	12	2.0					
35+29.00	34.0' LT	W11-2	PEDESTRIAN	30	30	6.3	17			1	
		W16-7P	DOWNWARD DIAGONAL ARROW	24	12	2.0					
35+34.50	41.0' LT	R1-1	STOP SIGN	30	30	6.3	16		1	1	
		D3-1	STREET NAME (WORDEN ST)	36	8	2.0					MOUNTED WITH STOP SIGN
		D3-1	STREET NAME (BROWN ST)	36	8	2.0					MOUNTED WITH STOP SIGN
36+79.00	30.0' LT	W11-2	PEDESTRIAN	30	30	6.3	17				
		W16-9P	AHEAD	24	12	2.0					
TOTAL						110	216	7	3	5	

- NOTES:
1. ALL SIGNS SHALL BE LOCATED PER HIGHWAY STANDARD 720006 UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
 2. STREET NAME SIGNS SHALL BE GREEN AND TEXT SHALL BE PRINTED ON BOTH SIDES. THE ACTUAL LENGTH REQUIRED SHALL BE AS NEEDED TO ACCOMMODATE THE TEXT AND SHALL BE DETERMINED BY THE SIGN MANUFACTURER
 3. ALL PEDESTRIAN SIGNS SHALL BE FLUORESCENT YELLOW-GREEN (FYG) COLOR AND TYPE "AZ" SHEETING.

PAVEMENT PATCHING SCHEDULE

STATION TO STATION	LANE	LENGTH (FEET)	WIDTH (FEET)	PAVEMENT PATCHING, 12 INCH (SQ. YD.)				COMMENTS	
				TYPE I	TYPE II	TYPE III	TYPE IV		
BROWN STREET									
9+96	10+01	WB	5	8	4.4				
10+20	10+28	EB	8	12		10.7			
10+57	10+62	WB	5	15		8.3			
10+94	11+04	EB	10	6		6.7			
12+00	12+15	EB	15	5		8.3			
13+74	13+98	EB	24	5		13.3			
13+98	14+23	EB	25	5		13.9			
14+03	14+13	WB	10	5		5.6			
14+54	14+94	WB	40	5			22.2		
15+91	16+36	WB	45	5				25.0	
15+91	16+03	EB	12	10		13.3			
16+76	17+76	WB	100	5				55.6	
17+76	17+95	EB	19	8			16.9		
17+95	18+13	EB	18	8			16.0		
18+47	19+32	EB	85	5				47.2	
18+98	19+47	WB	49	5				27.2	
20+09	20+17	WB	8	6		5.3			
20+30	20+42	WB	12	5		6.7			
20+50	21+15	WB	65	7				50.6	
21+59	21+91	EB	32	5			17.8		
21+64	21+70	EB	6	12		8.0			
21+92	22+16	EB	24	5		13.3			
21+93	22+13	EB	20	7			15.6		
22+07	22+37	WB	30	6			20.0		
22+12	22+54	WB	42	7				32.7	
22+70	23+00	WB	30	6			20.0		
24+06	24+53	WB	47	6				31.3	
24+57	24+77	WB	20	6		13.3			
25+69	26+05	EB	36	5			20.0		
25+69	25+89	WB	20	18				40.0	
26+23	26+79	WB	56	6				37.3	
27+70	27+85	WB	15	6		10.0			
28+89	29+07	WB	18	6		12.0			
30+53	30+72	EB	19	8			16.9		
30+64	30+99	WB	35	8				31.1	
30+72	30+87	EB	15	8		13.3			
32+44	34+45	WB	201	6				134.0	
TOTALS					5	162	165	512	

EB Denotes East Bound Lane
WB Denotes West Bound Lane

MANHOLES TO BE ADJUSTED SCHEDULE

STATION	OFFSET	MANHOLES TO BE ADJUSTED (SPECIAL) (EA.)	MANHOLES TO BE ADJUSTED W/ NEW TY. 1 FR., C.L. SPECIAL (EA.)
BROWN STREET			
10+01.08	19.58' LT		1
10+01.63	18.67' RT		1
14+00.27	19.12' RT		1
14+00.90	19.00' LT		1
17+96.54	19.65' RT		1
17+96.58	18.99' LT		1
21+89.50	18.51' LT		1
21+89.80	19.49' RT		1
30+73.92	19.02' RT		1
35+53.53	19.65' LT	1	
TOTALS		1	9

REVISIONS

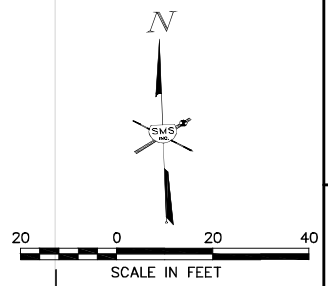
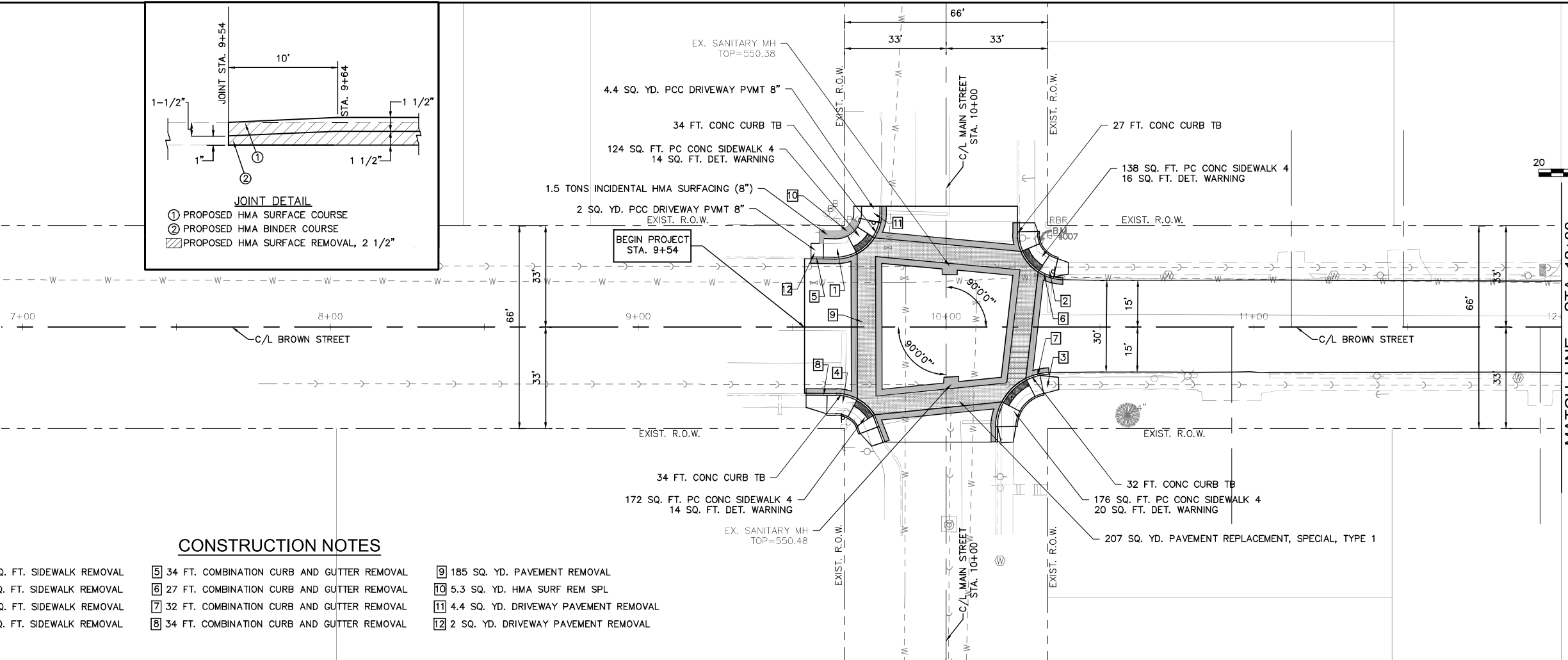
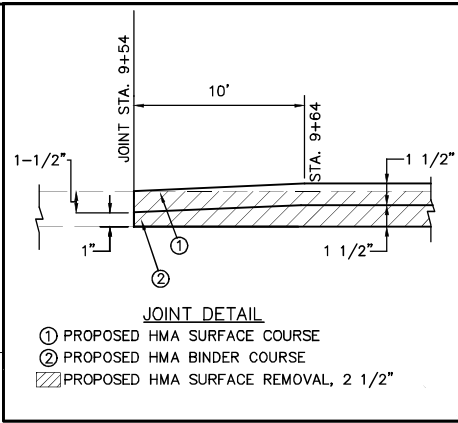
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 215 Market Street, Alton, IL 62002 618/462-9755 Email: mail@smsengineers.com
ENGINEERS DESIGN FIRM # 184-000992

CITY OF ALTON, ILLINOIS
 SECTION 19-00240-00-RS
 BROWN STREET RESURFACING SCHEDULES

CONTRACT NO. 97768

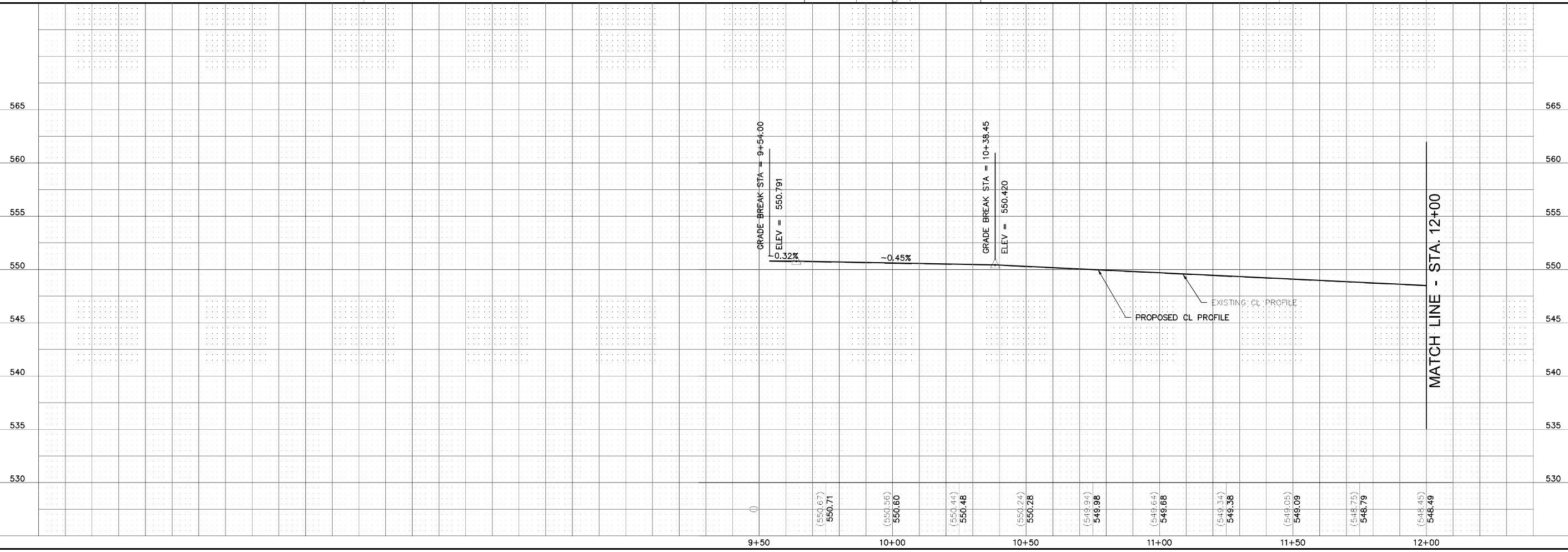
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 JOB NO. 500206
 DSN. BY: DEG
 DWN. BY: CDP
 CHK. BY: DEG
 DATE: JULY, 2021

SCALE:
 SHEET 6 OF 25



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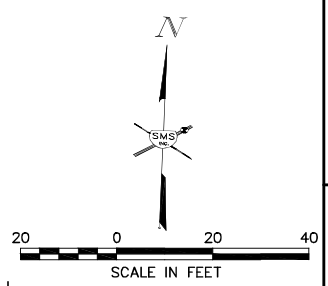
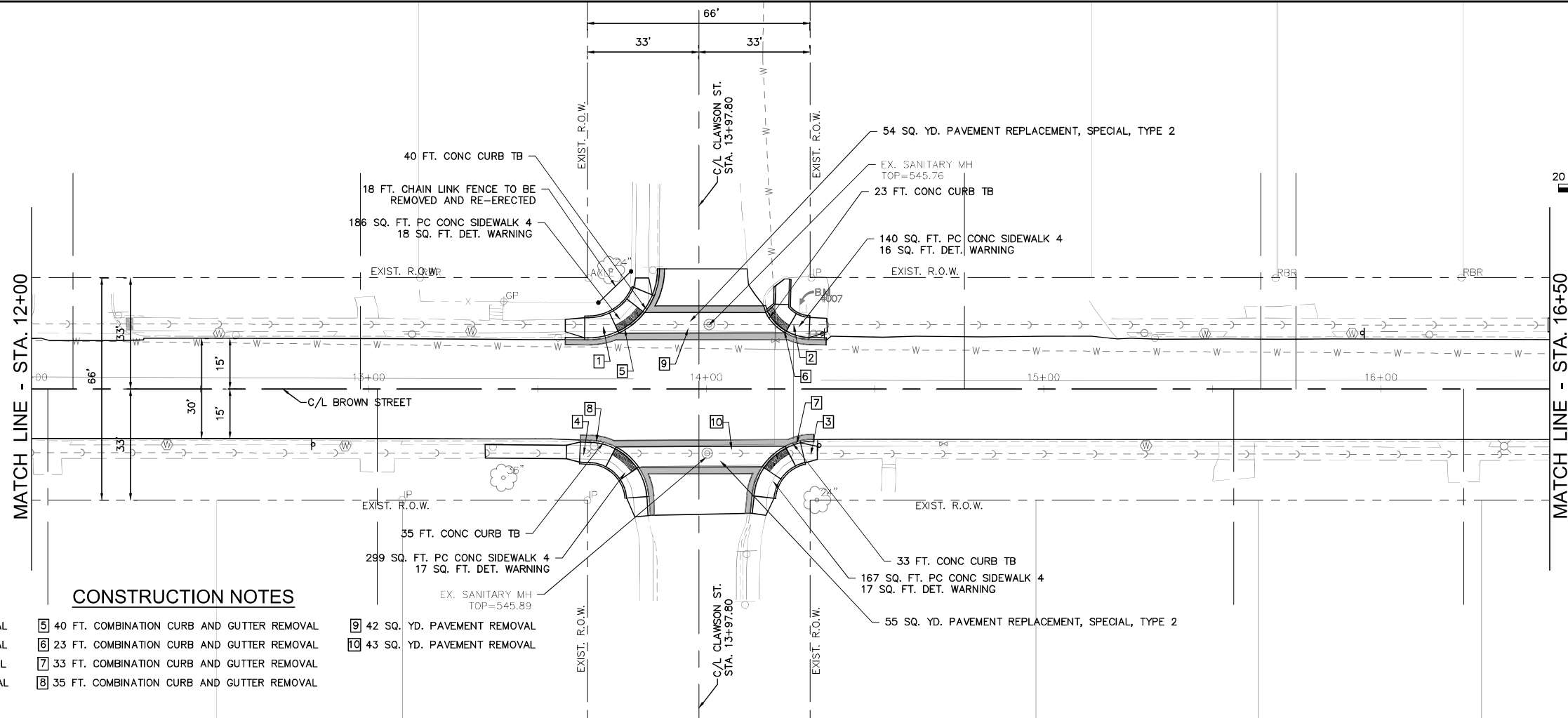


CITY OF ALTON, ILLINOIS
SECTION 19-00240-00-RS
BROWN STREET RESURFACING
PLAN AND PROFILE

CONTRACT NO.
97768

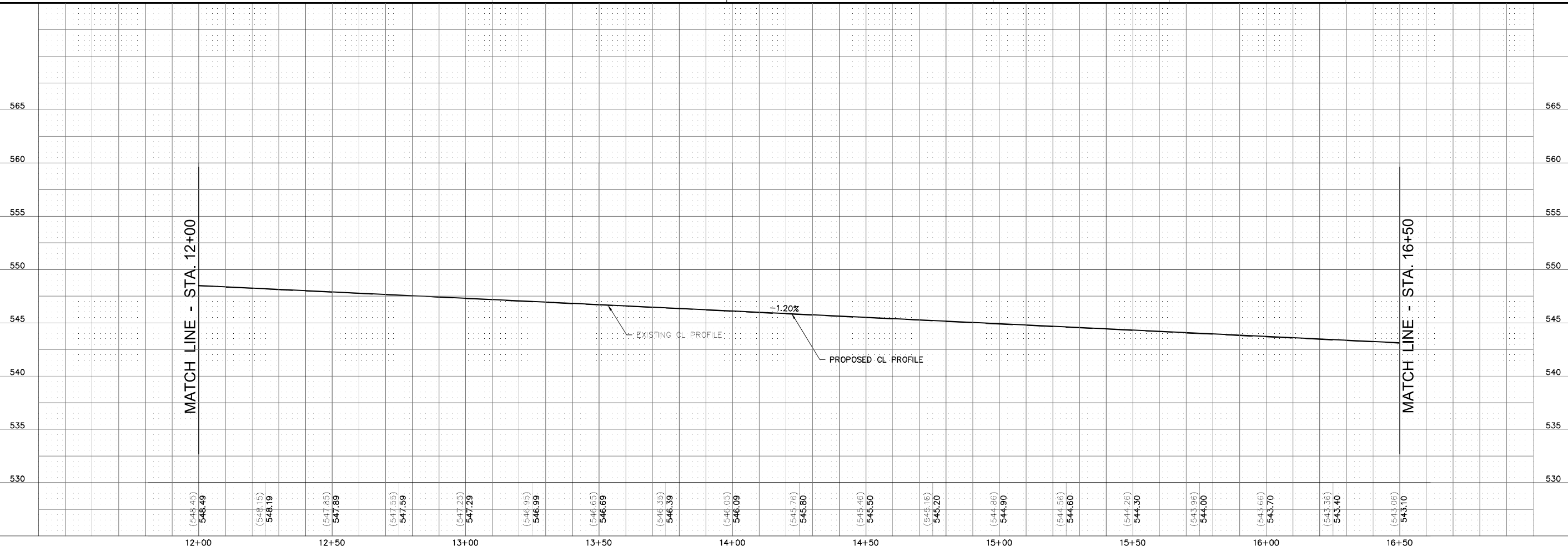
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JOB NO.	500206
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	JULY, 2021

SCALE:
SHEET 7 OF 25



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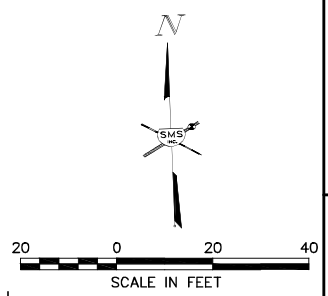
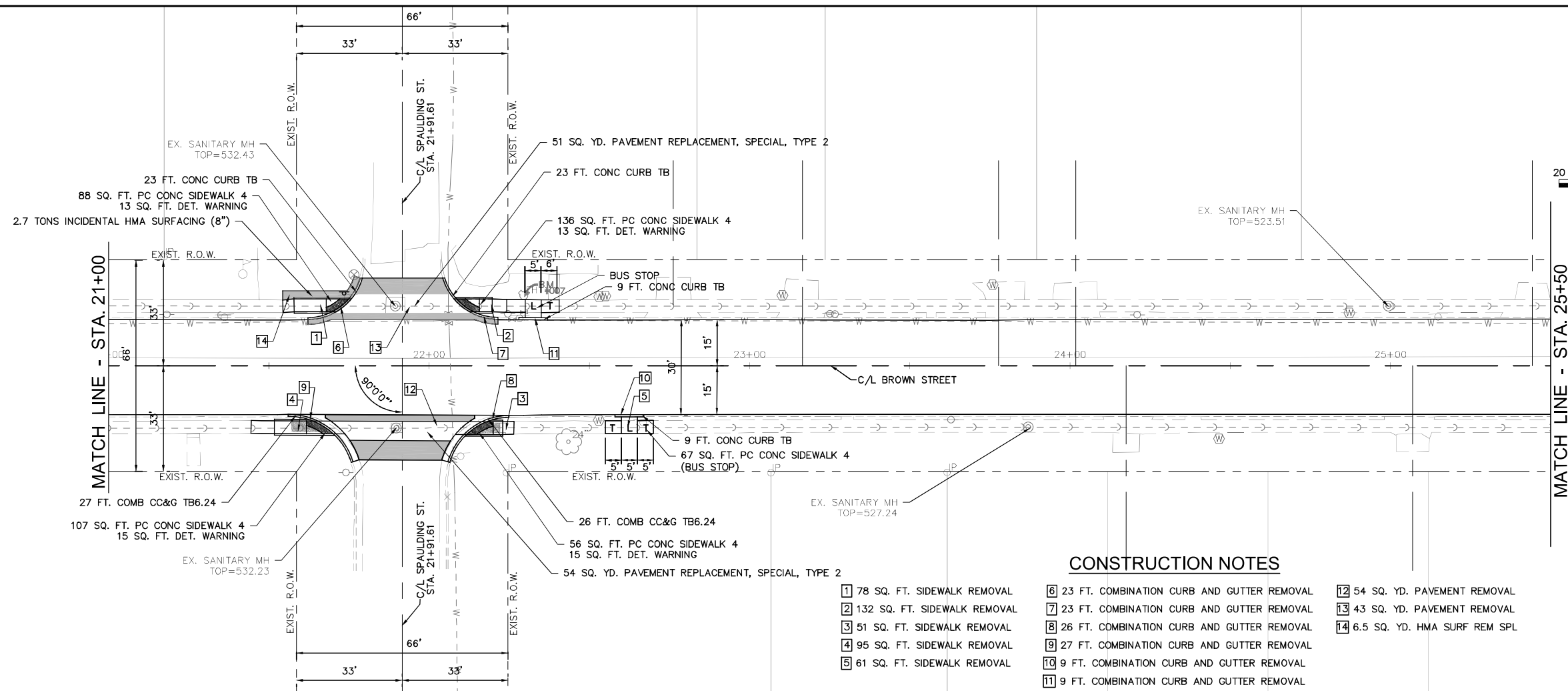


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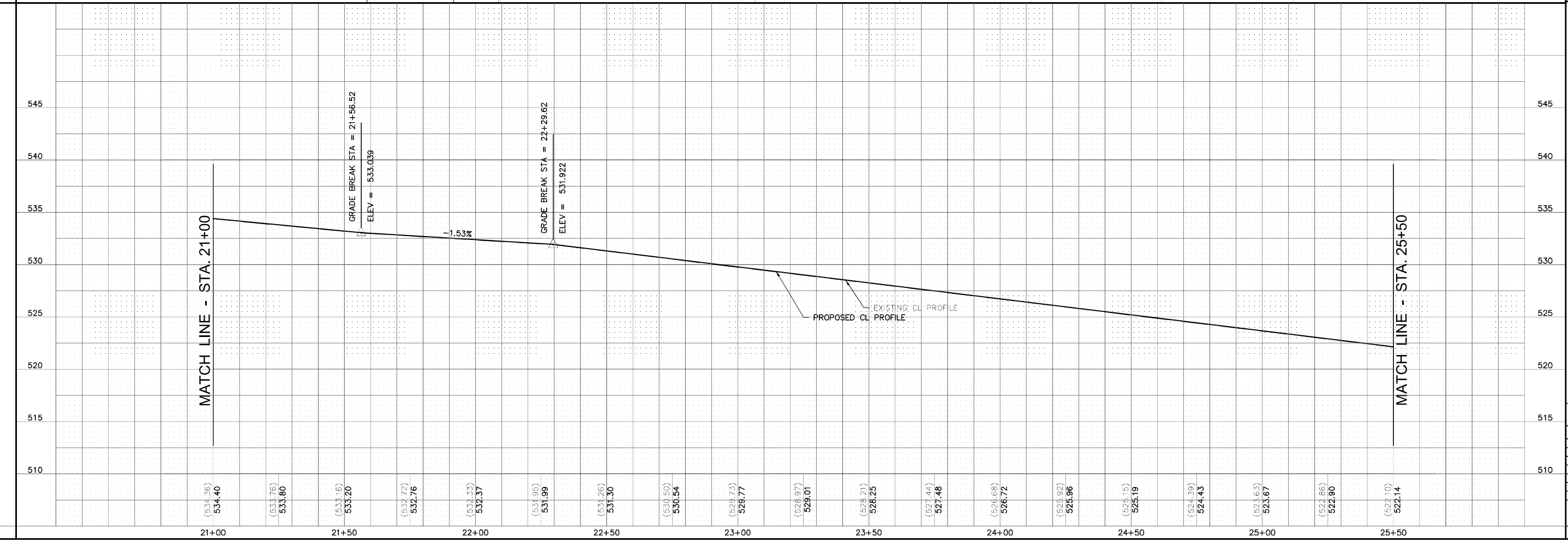
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 JOB NO. 500206
 DSN. BY: DEG
 DWN. BY: CDP
 CHK. BY: DEG
 DATE: JULY, 2021

SCALE:
 SHEET 8 OF 25



CONSTRUCTION NOTES

- 1 78 SQ. FT. SIDEWALK REMOVAL
- 2 132 SQ. FT. SIDEWALK REMOVAL
- 3 51 SQ. FT. SIDEWALK REMOVAL
- 4 95 SQ. FT. SIDEWALK REMOVAL
- 5 61 SQ. FT. SIDEWALK REMOVAL
- 6 23 FT. COMBINATION CURB AND GUTTER REMOVAL
- 7 23 FT. COMBINATION CURB AND GUTTER REMOVAL
- 8 26 FT. COMBINATION CURB AND GUTTER REMOVAL
- 9 27 FT. COMBINATION CURB AND GUTTER REMOVAL
- 10 9 FT. COMBINATION CURB AND GUTTER REMOVAL
- 11 9 FT. COMBINATION CURB AND GUTTER REMOVAL
- 12 54 SQ. YD. PAVEMENT REMOVAL
- 13 43 SQ. YD. PAVEMENT REMOVAL
- 14 6.5 SQ. YD. HMA SURF REM SPL



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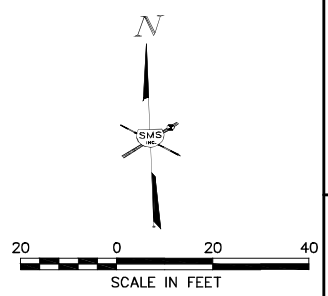
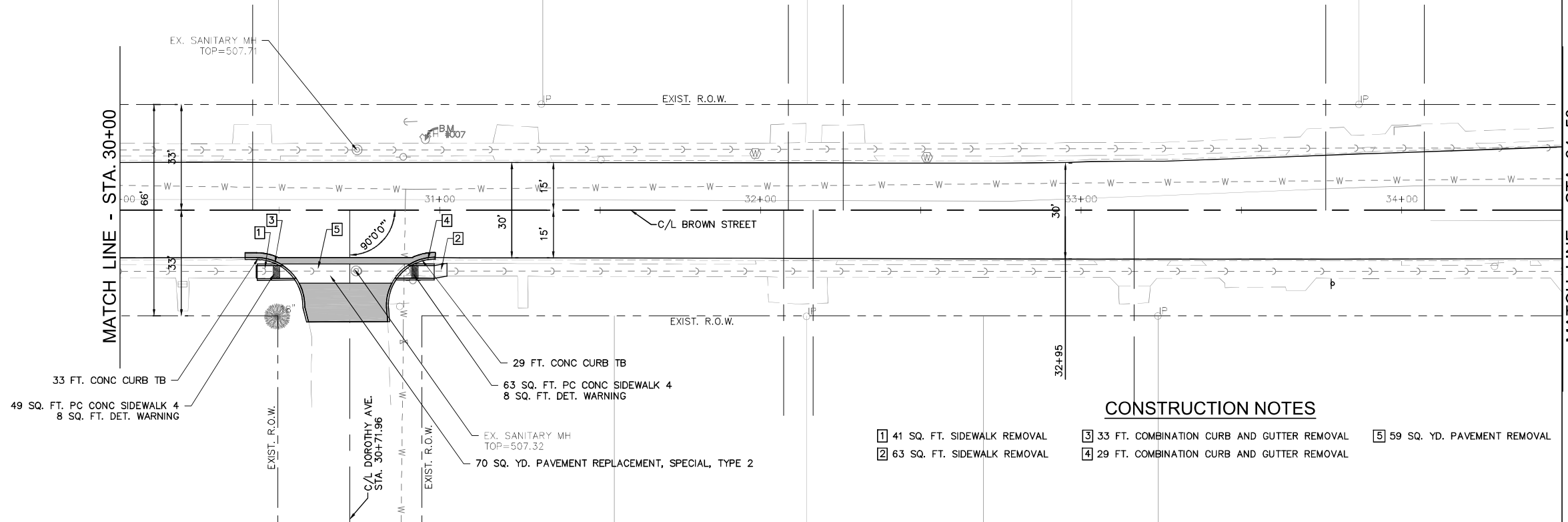
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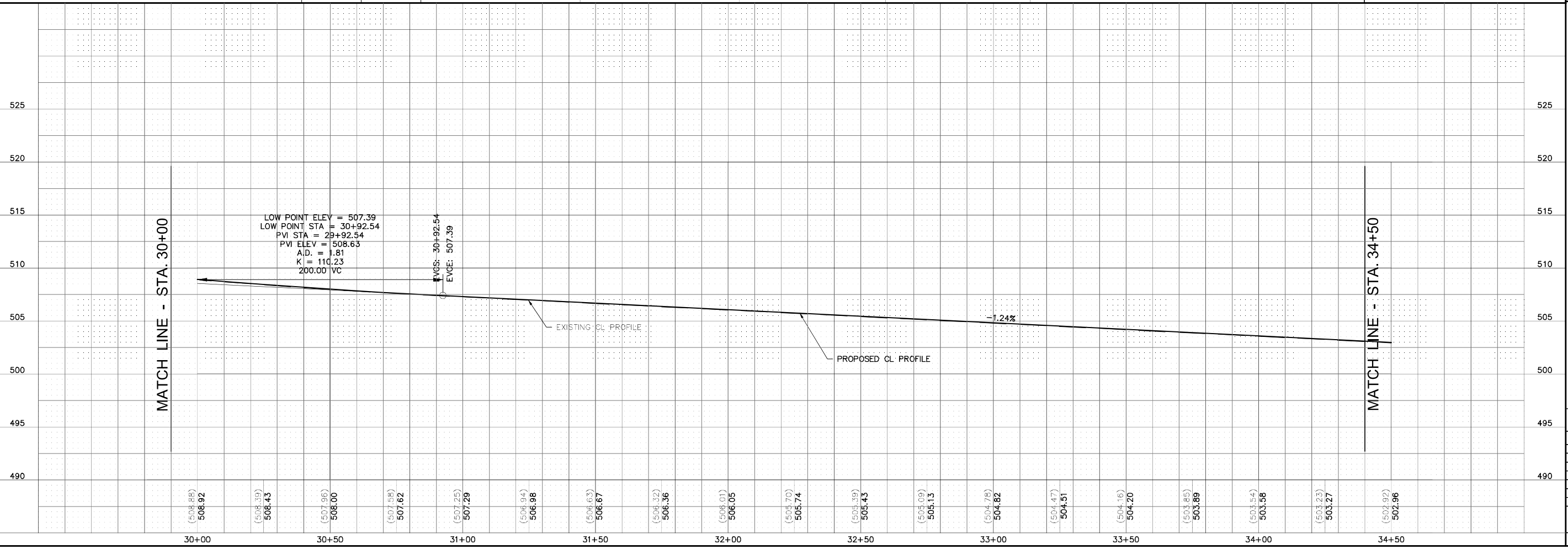
SCALE:

SHEET 10 OF 25



CONSTRUCTION NOTES

- 1 41 SQ. FT. SIDEWALK REMOVAL
- 2 63 SQ. FT. SIDEWALK REMOVAL
- 3 33 FT. COMBINATION CURB AND GUTTER REMOVAL
- 4 29 FT. COMBINATION CURB AND GUTTER REMOVAL
- 5 59 SQ. YD. PAVEMENT REMOVAL



NO.	DESCRIPTION

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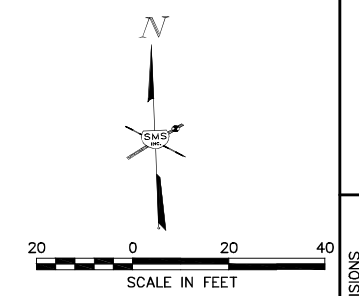
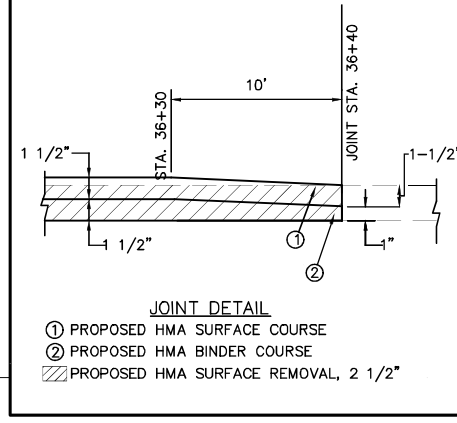
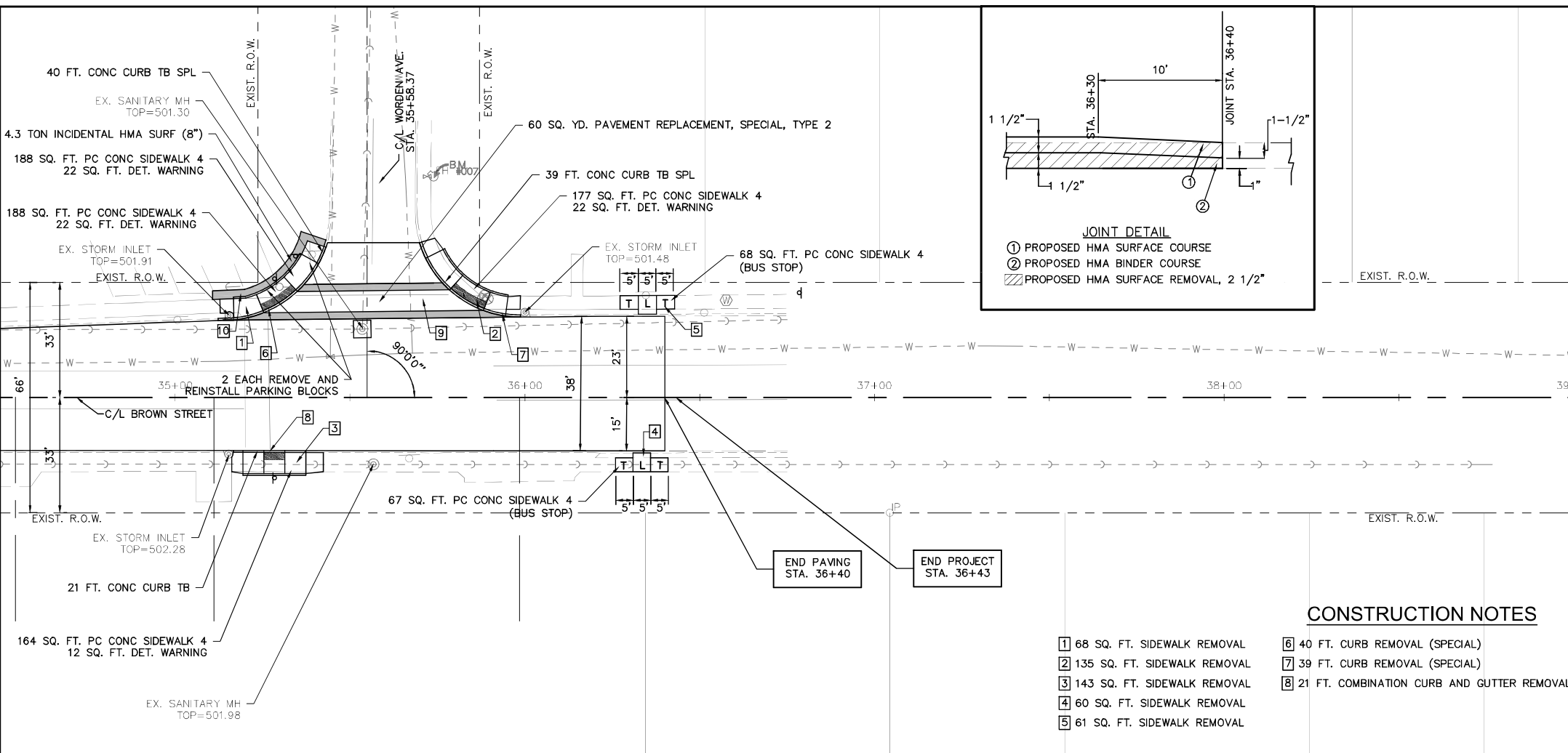
CITY OF ALTON, ILLINOIS
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 CHK. BY: DEG
 DATE: JULY, 2021

SCALE:
 SHEET 12 OF 25

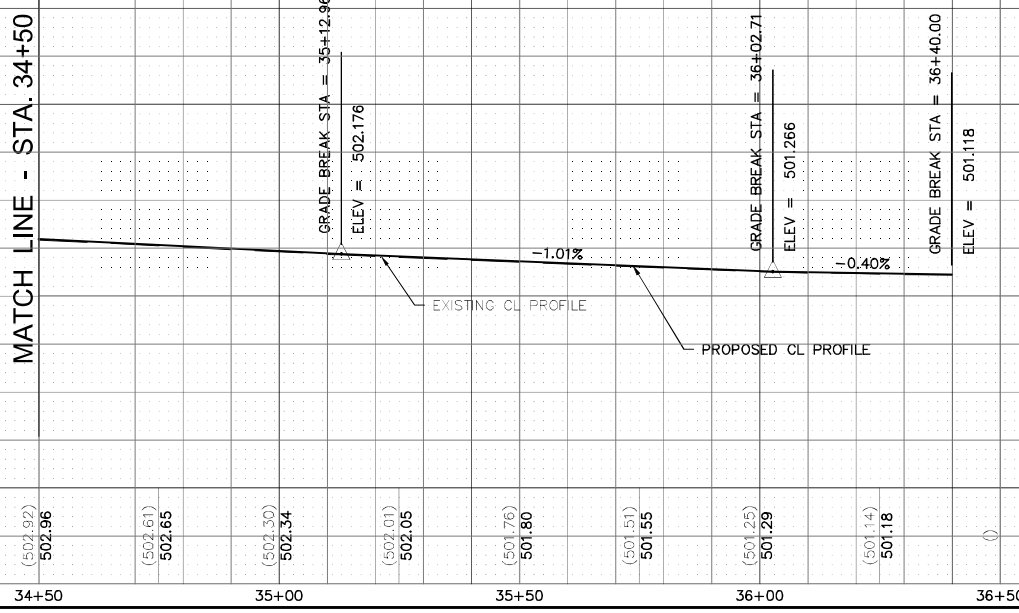
MATCH LINE - STA. 34+50



CONSTRUCTION NOTES

- ① 68 SQ. FT. SIDEWALK REMOVAL
- ② 135 SQ. FT. SIDEWALK REMOVAL
- ③ 143 SQ. FT. SIDEWALK REMOVAL
- ④ 60 SQ. FT. SIDEWALK REMOVAL
- ⑤ 61 SQ. FT. SIDEWALK REMOVAL
- ⑥ 40 FT. CURB REMOVAL (SPECIAL)
- ⑦ 39 FT. CURB REMOVAL (SPECIAL)
- ⑧ 21 FT. COMBINATION CURB AND GUTTER REMOVAL
- ⑨ 65 SQ. YD. PAVEMENT REMOVAL
- ⑩ 22.5 SQ. YD. HMA SURF REM SPL

MATCH LINE - STA. 34+50



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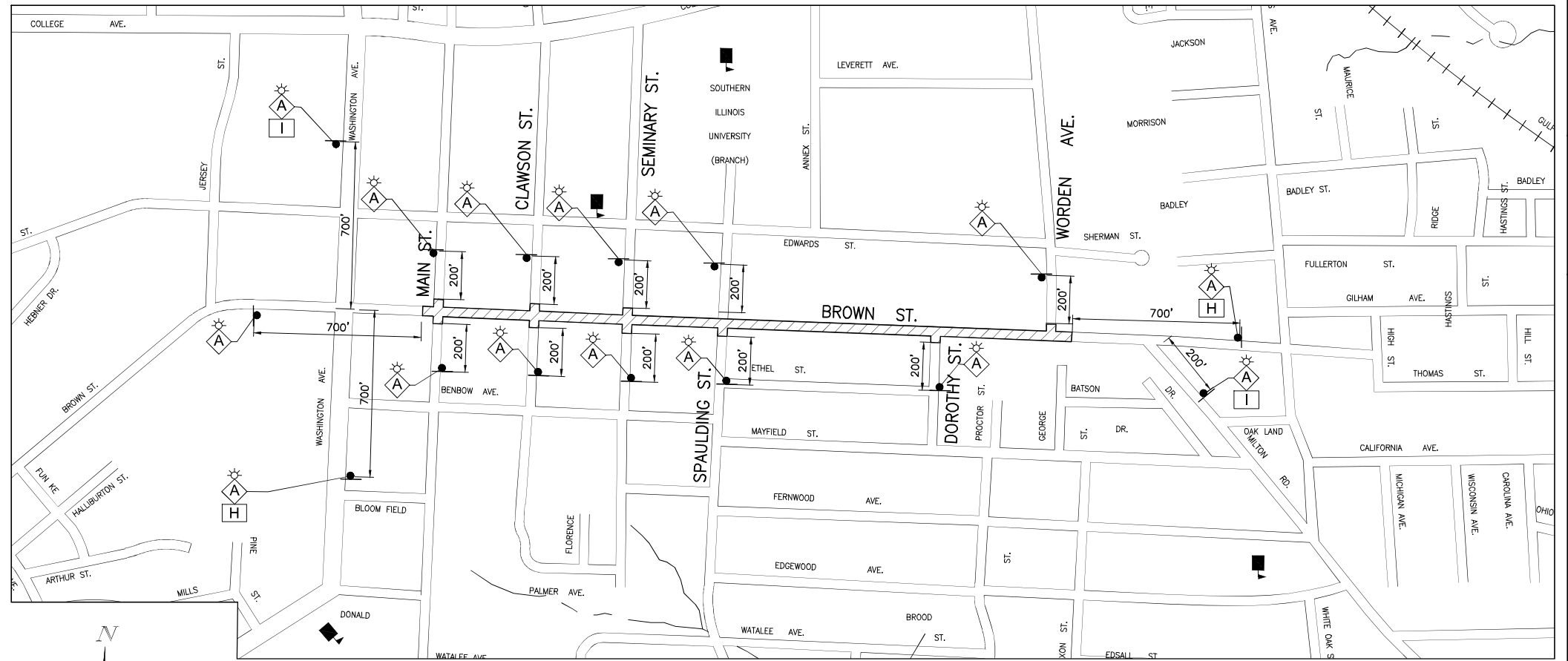
SCALE:
 SHEET 13 OF 25

TRAFFIC CONTROL LEGEND

- WORK AREA
- TYPE III BARRICADE WITH REFLECTORIZED STRIPING ON BOTH SIDES WITH FLASHING LIGHTS
- CONE, DRUM OR BARRICADE
- SIGN "ROAD CONSTRUCTION AHEAD" W20-1(0) - 48" x 48" WITH MONODIRECTIONAL FLASHING LIGHT
- SIGN "ROAD CLOSED AHEAD" W20-3 48" x 48"
- SIGN "ROAD CLOSED" R11-2 48" x 30"
- SIGN "DETOUR AHEAD" W20-2 48" x 48"
- SIGN "BROWN ST." BLACK LETTER ON ORANGE BACKGROUND
- SIGN M4-9R 30" x 24" DETOUR
- SIGN M4-9R 30" x 24" DETOUR
- SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"
- SIGN BLACK ARROW ON ORANGE BACKGROUND 24" x 18"

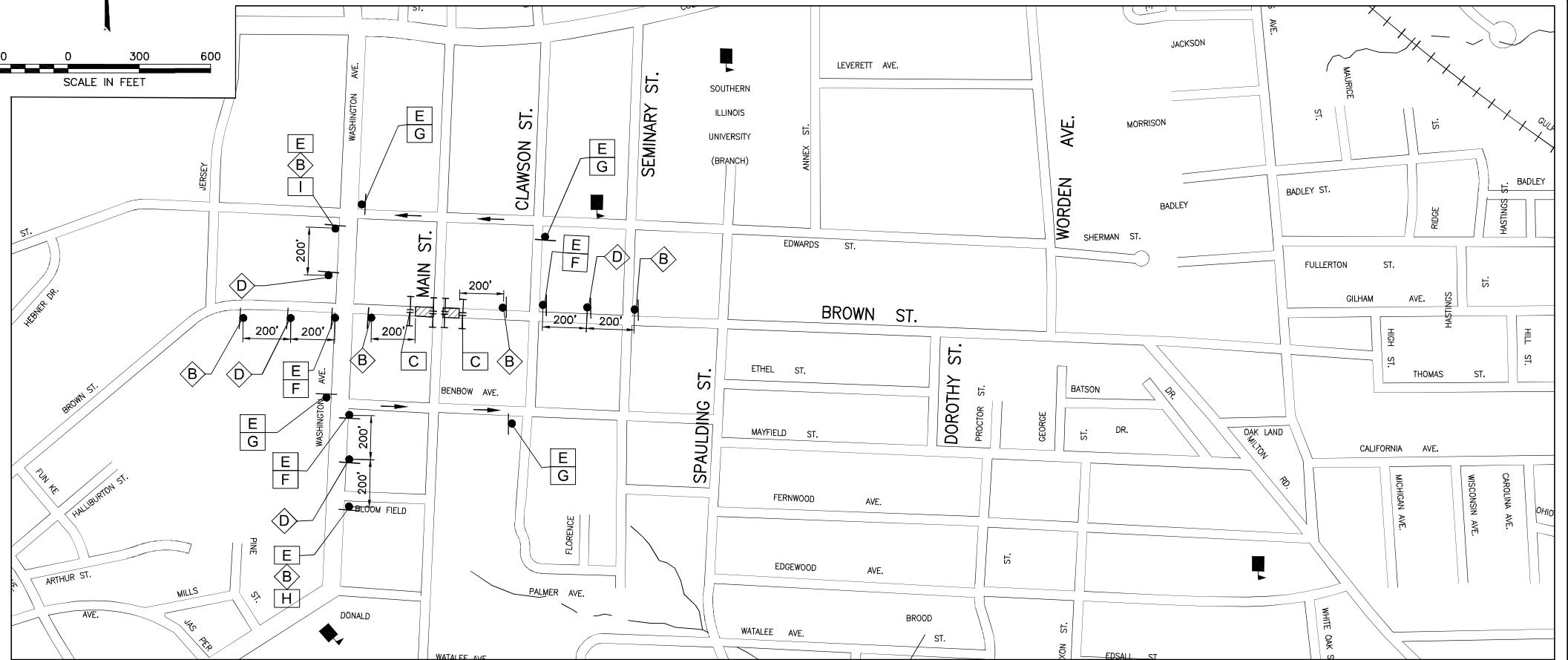
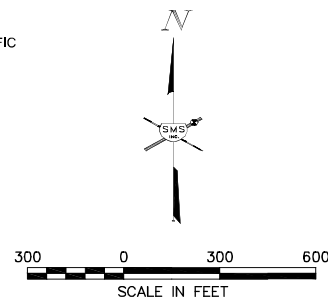
TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL PROVIDE THE TRAFFIC CONTROL SHOWN ON THE GENERAL TRAFFIC CONTROL PLAN AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT. ADDITIONAL TRAFFIC CONTROL SHALL BE PROVIDED AS SPECIFIED BELOW AND IN ACCORDANCE WITH THE SPECIFIED HIGHWAY STANDARDS.
2. AT TIMES WHEN ALL TRAFFIC LANES ARE OPEN, PROVIDE TRAFFIC CONTROL AS NEEDED PER HIGHWAY STANDARD 701006 AND 701011.
3. BROWN ST. SHALL REMAIN OPEN TO THRU TRAFFIC AT ALL TIMES. ONE TRAFFIC LANE WILL BE ALLOWED TO BE CLOSED AS NEEDED AS DESCRIBED BELOW.
 - A. FOR SPOT LOCATIONS THAT ARE LESS THAN 1 BLOCK LONG AND FOR 1 HOUR OR LESS, PROVIDE TRAFFIC CONTROL PER HIGHWAY STANDARD 701301.
 - B. WHEN A LANE IS CLOSED - PROVIDE TRAFFIC CONTROL PER HIGHWAY STANDARD 701501
 - C. WHEN ONE LANE IS CLOSED ON THE 3 LANE SECTION NEAR WORDEN AVE. - PROVIDE TRAFFIC CONTROL PER HIGHWAY STANDARD 701502.
 - D. PARKING LANES WILL BE ALLOWED TO BE CLOSED. IN THIS EVENT, THE CITY OF ALTON STREET DEPT. WILL POST TEMPORARY "NO PARKING" SIGNS AS NEEDED TO PREVENT PARKING IN WORK AREAS. THE CONTRACTOR SHALL NOTIFY THE STREET DEPT. AND THE ENGINEER AT LEAST 2 DAYS IN ADVANCE OF THE NEED FOR "NO PARKING" SIGNS.
 - E. DURING PAVEMENT PATCHING OPERATIONS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL CONES, DRUMS, OR BARRICADES TO PROTECT EACH PATCH AS DIRECTED BY THE ENGINEER.
 - F. WHEN THE EAST AND WEST LEGS OF THE MAIN STREET INTERSECTION ARE CLOSED FOR CROSSWALK CONSTRUCTION, THE TRAFFIC DETOUR PLAN SHALL BE FOLLOWED.
4. SIDE STREETS MAY EITHER REMAIN OPEN TO TWO WAY TRAFFIC OR MAY BE CLOSED PROVIDING PROPER SIGNS AND BARRICADES PER HIGHWAY STANDARD 701501 WITH THE FOLLOWING ADDITIONAL REQUIREMENTS.
 - A. TYPE III BARRICADES SHALL BE USED ON BOTH SIDES OF PAVEMENT PATCHES. THE MINIMUM NUMBER OF TYPE III BARRICADES USED ON EACH SIDE SHALL BE ONE PER TRAFFIC LANE.
 - B. ADDITIONAL TYP. III BARRICADES MAY BE NEEDED WHERE THERE ARE SIDE STREET CLOSURES, AS DIRECTED BY THE ENGINEER.
5. FOR SIDEWALK REMOVAL AND REPLACEMENT, TRAFFIC CONTROL FOR SIDEWALK CLOSURES SHALL BE PROVIDED PER HIGHWAY STANDARD 701801. SIDEWALK REMOVAL AND REPLACEMENT SHALL BE SEQUENCED AS MUCH AS POSSIBLE TO ALWAYS ALLOW AN ACCESSIBLE ROUTE TO PRIVATE PROPERTY AND BUSINESSES.
6. WHERE A HIGHWAY STANDARD REQUIRES A "ROAD CONSTRUCTION AHEAD" SIGN, THIS REQUIREMENT WILL BE CONSIDERED FULFILLED BY THE SIGNS REQUIRED ON THE GENERAL TRAFFIC CONTROL PLAN.
7. ALL HAZARDS WITHIN WORK ZONES OPEN TO TRAFFIC SHALL BE PROTECTED WITH TYPE I BARRICADES OR DRUMS WITH FLASHING LIGHTS IF LESS THAN 100' IN LENGTH. IF GREATER THAN 100' IN LENGTH, LIGHTS SHALL BE STEADY BURN.
8. ALL CONSTRUCTION SIGNS SHALL MEET THE REQUIREMENTS OF THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
9. IF THE CONTRACTOR WISHES TO DEVIATE FROM THIS TRAFFIC CONTROL PLAN, HE SHALL PROVIDE A REVISED TRAFFIC CONTROL PLAN IN WRITING FOR THE REVIEW AND APPROVAL OF THE ENGINEER.
10. DURING CONSTRUCTION, ALL OPEN EXCAVATIONS DUE TO PATCHING OPERATIONS SHALL BE FILLED WITH HOT-MIX ASPHALT BY THE END OF EACH WORK DAY. OPEN EXCAVATION WILL NOT BE ALLOWED TO REMAIN OVERNIGHT.



GENERAL TRAFFIC CONTROL PLAN

SCALE: 1"=300'



TRAFFIC DETOUR PLAN

SCALE: 1"=300'

REVISIONS

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 DESIGN FIRM # 184-000992

CITY OF ALTON, ILLINOIS
 SECTION 19-00240-00-RS
 BROWN STREET RESURFACING
 TRAFFIC CONTROL AND DETOUR PLAN

CONTRACT NO. 97768

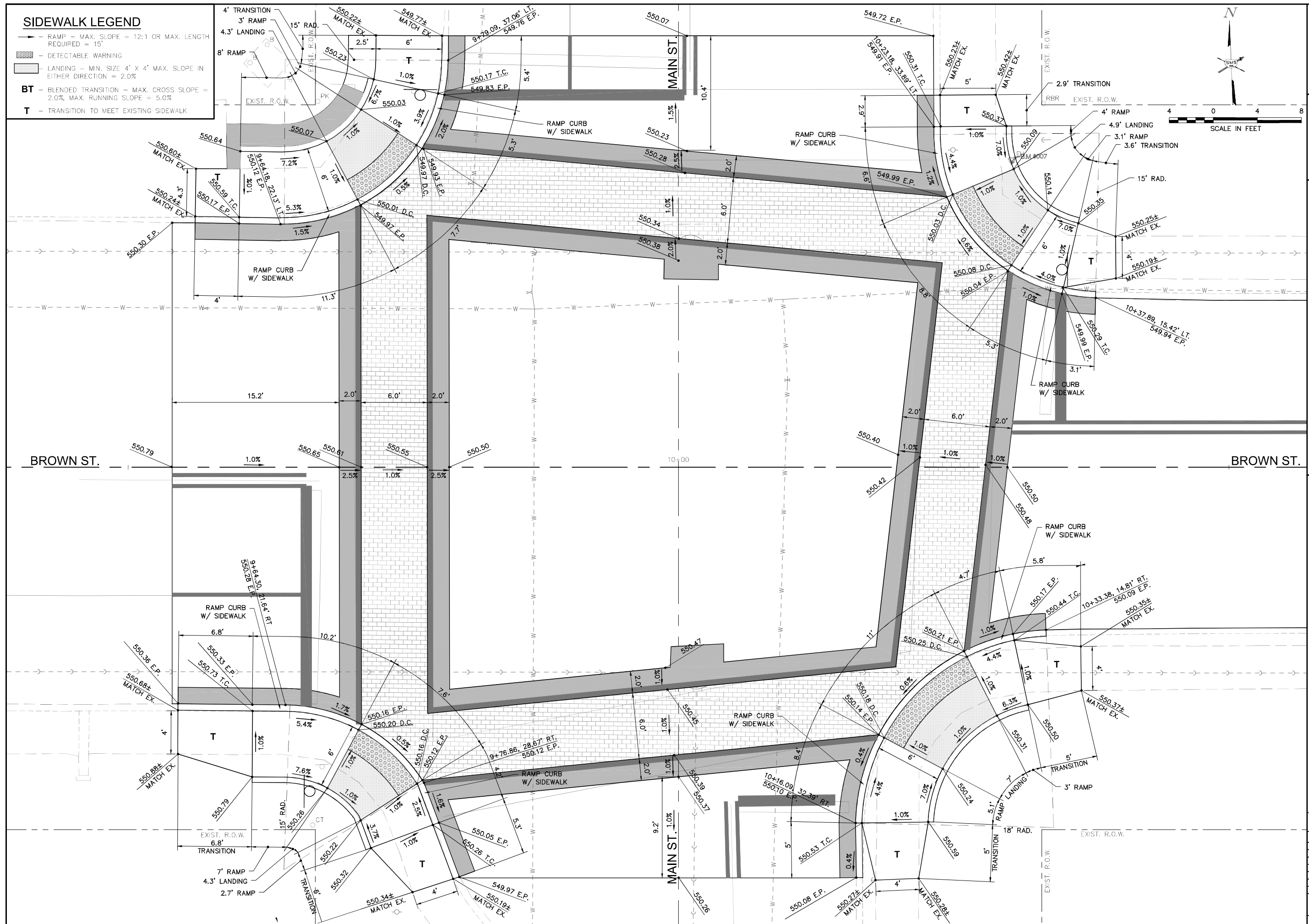
BROWN ST DETOUR.dwg
 REF. BK. PG.
 JOB NO. 500206
 DSN. BY: DEG
 DWN. BY: CDP
 CHK. BY: DEG
 DATE: JULY, 2021

SCALE: 1" = 300'

SHEET 14 OF 25

SIDEWALK LEGEND

- RAMP — MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- ▨ DETECTABLE WARNING
- ▭ LANDING — MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT** — BLENDED TRANSITION — MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T** — TRANSITION TO MEET EXISTING SIDEWALK



NO.	REVISIONS

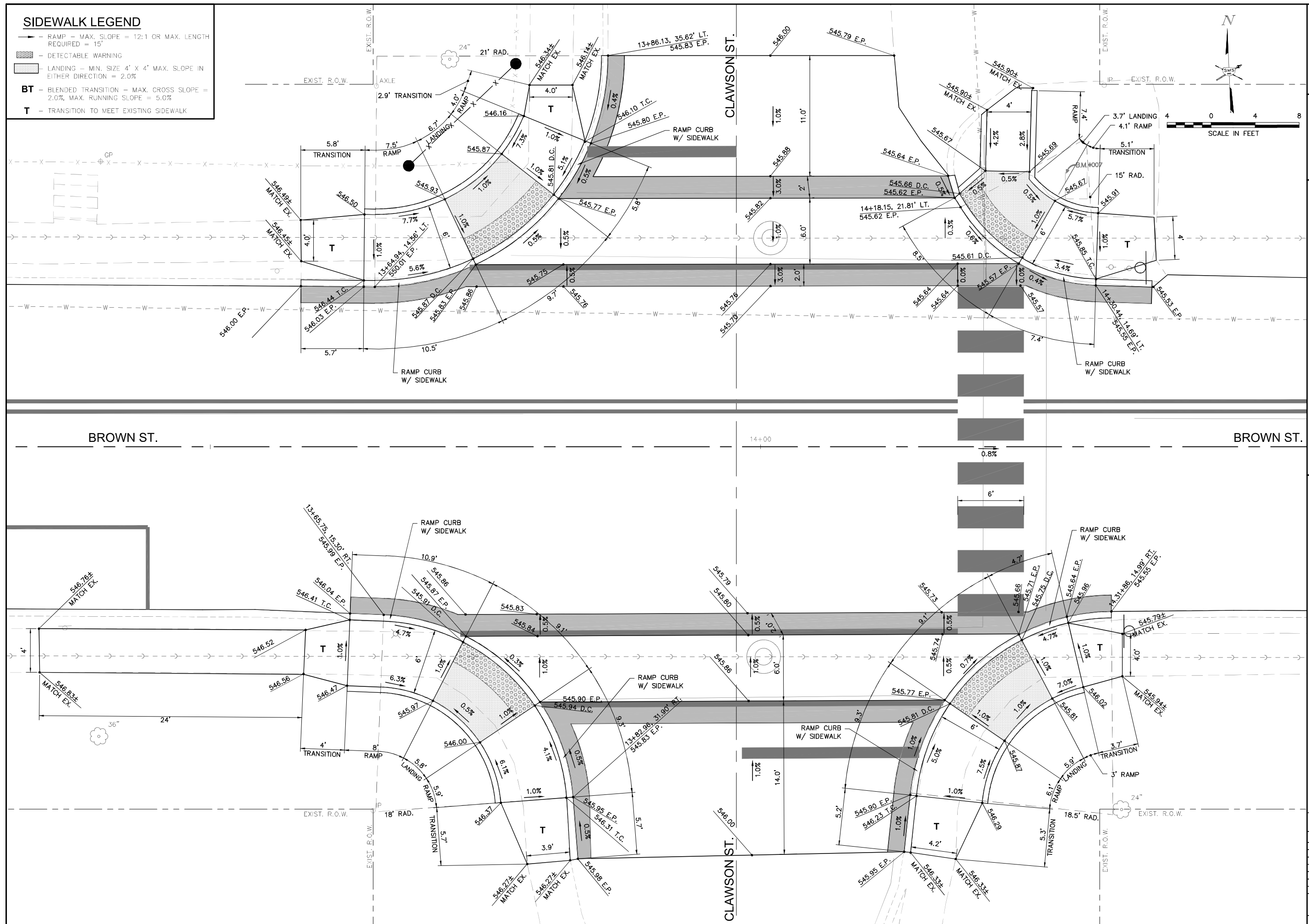
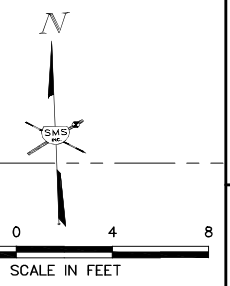
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 SECTION 19-00240-00-RS
 BROWN STREET RESURFACING
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JOB NO.	500206
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	JULY, 2021
SCALE:	1" = 4'
SHEET	15 OF 25

SIDEWALK LEGEND

- RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- ▨ DETECTABLE WARNING
- ▨ LANDING - MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT - BLENDED TRANSITION - MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T - TRANSITION TO MEET EXISTING SIDEWALK



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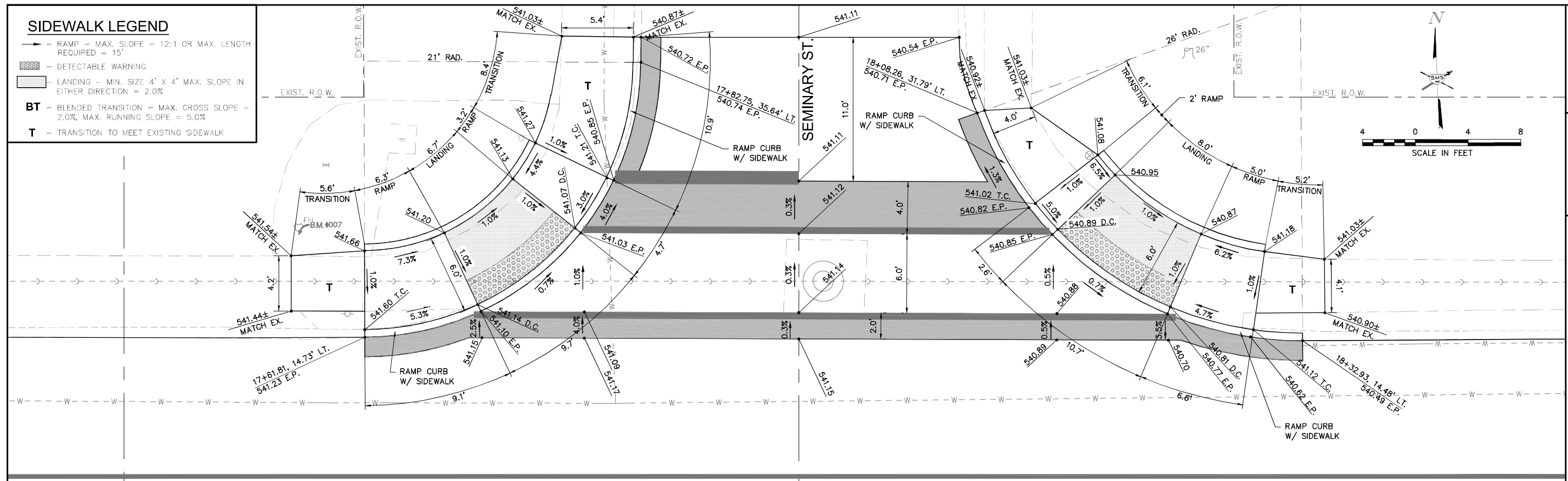
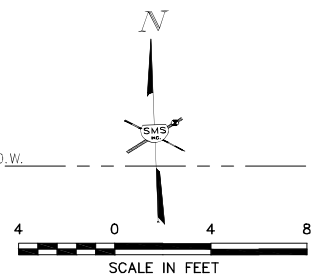
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DATE:	JULY, 2021
SCALE:	1" = 4'
SHEET	16 OF 25

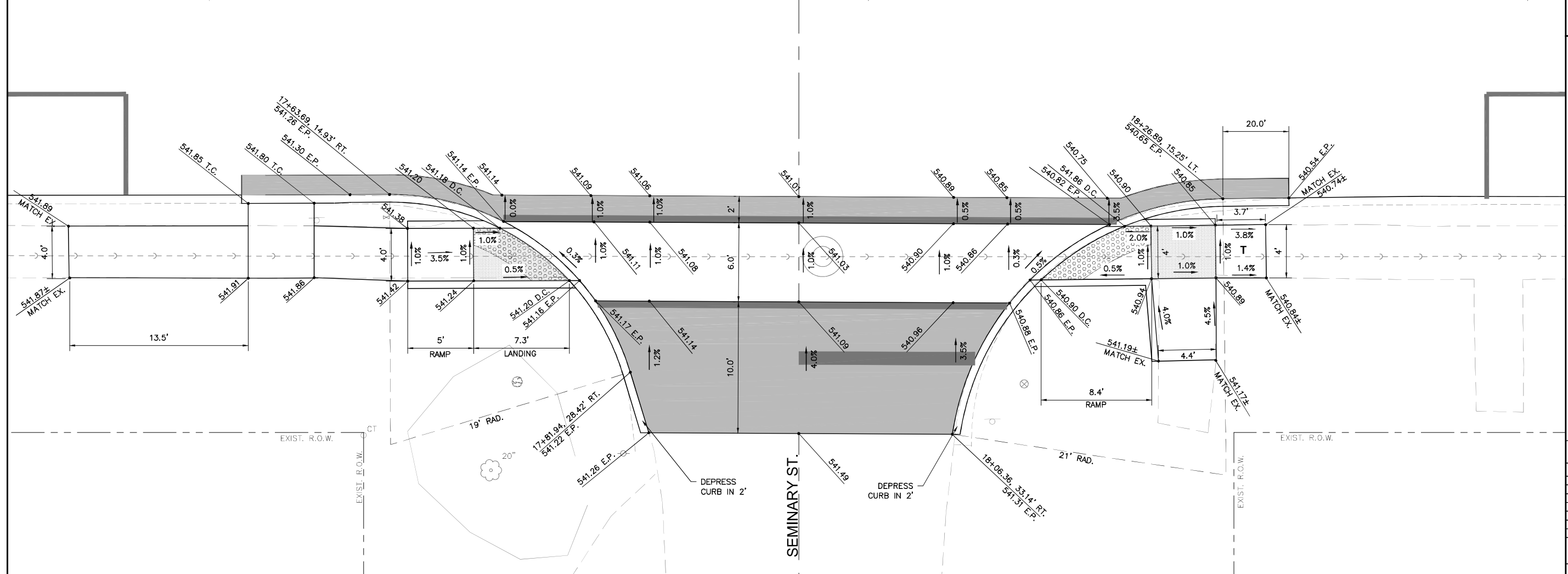
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- RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- DETECTABLE WARNING
- LANDING - MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT** - BLENDED TRANSITION - MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T** - TRANSITION TO MEET EXISTING SIDEWALK



BROWN ST.

BROWN ST.



NO.	REVISIONS

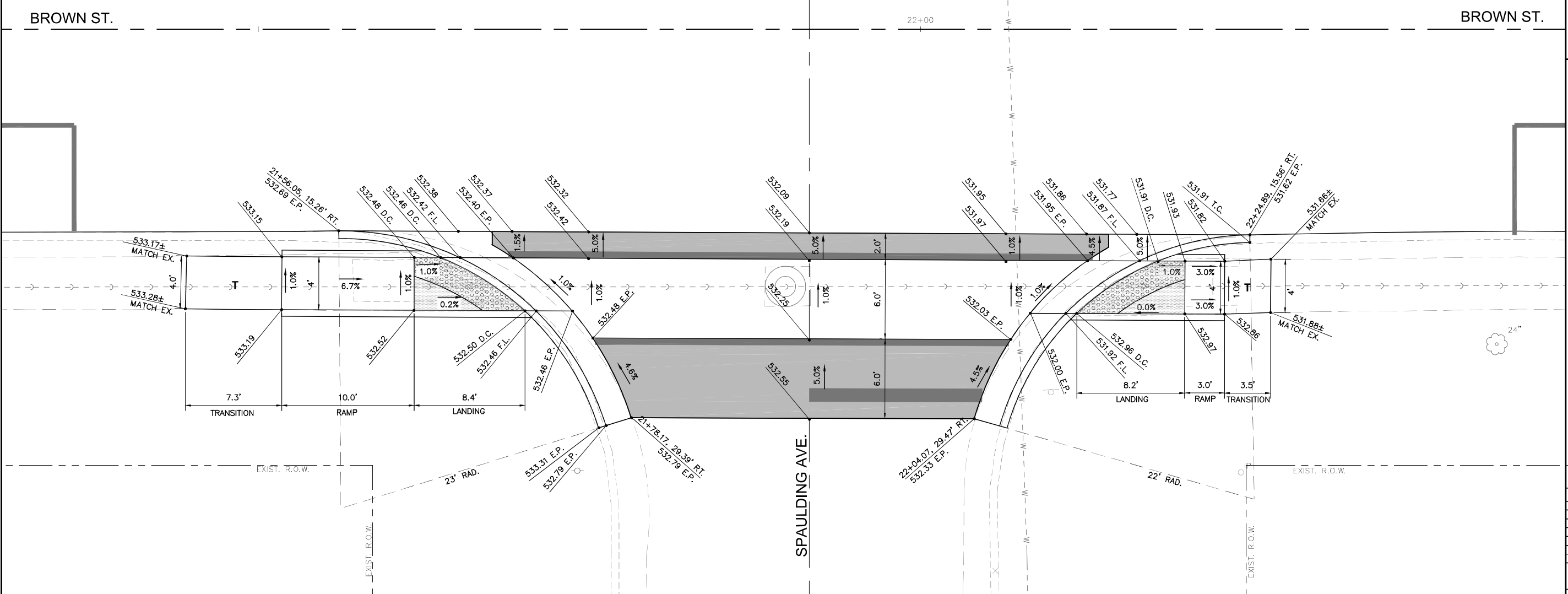
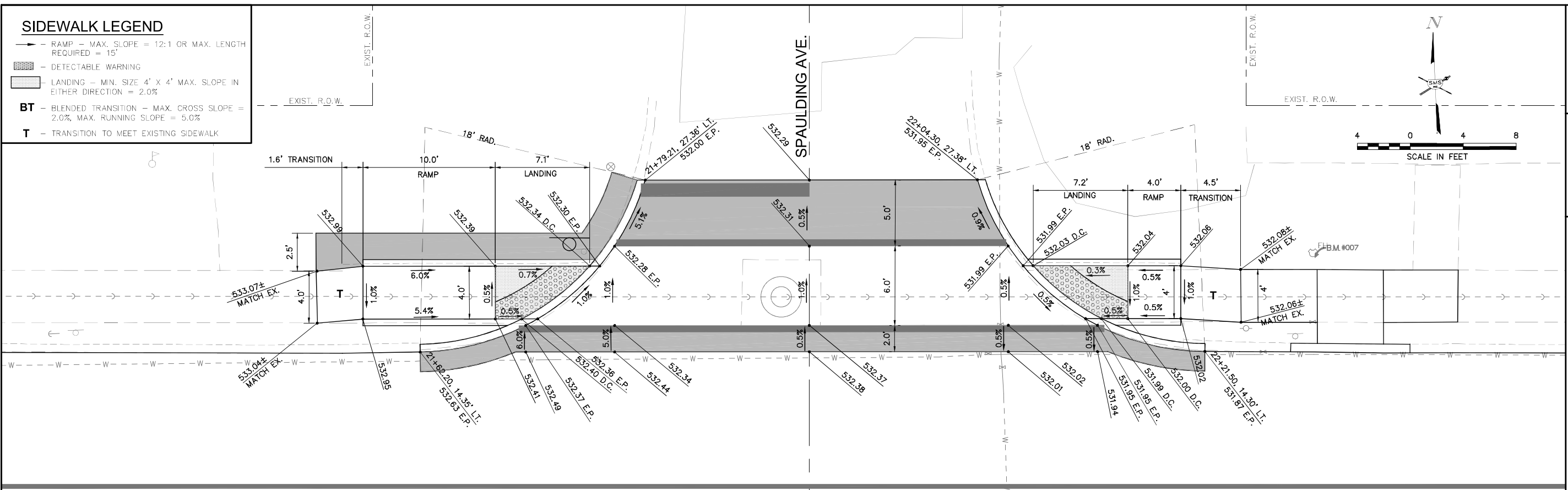
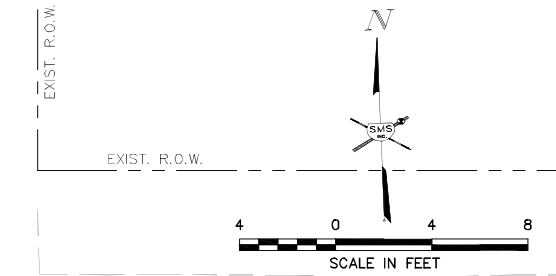
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CHK. BY:	DEG
DATE:	JULY, 2021
SCALE:	1" = 4'
SHEET	17 OF 25

SIDEWALK LEGEND

- RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- ▨ DETECTABLE WARNING
- ▩ LANDING - MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT - BLENDED TRANSITION - MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T - TRANSITION TO MEET EXISTING SIDEWALK



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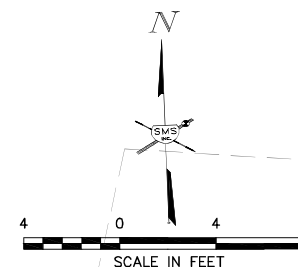
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REF. BK.	
JOB NO. 500206	
DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: JULY, 2021	

SCALE: 1" = 4'
 SHEET 18 OF 25

SIDEWALK LEGEND

-  RAMP - MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
-  - DETECTABLE WARNING
-  LANDING - MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT** - BLENDED TRANSITION - MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T** - TRANSITION TO MEET EXISTING SIDEWALK



REVISIONS

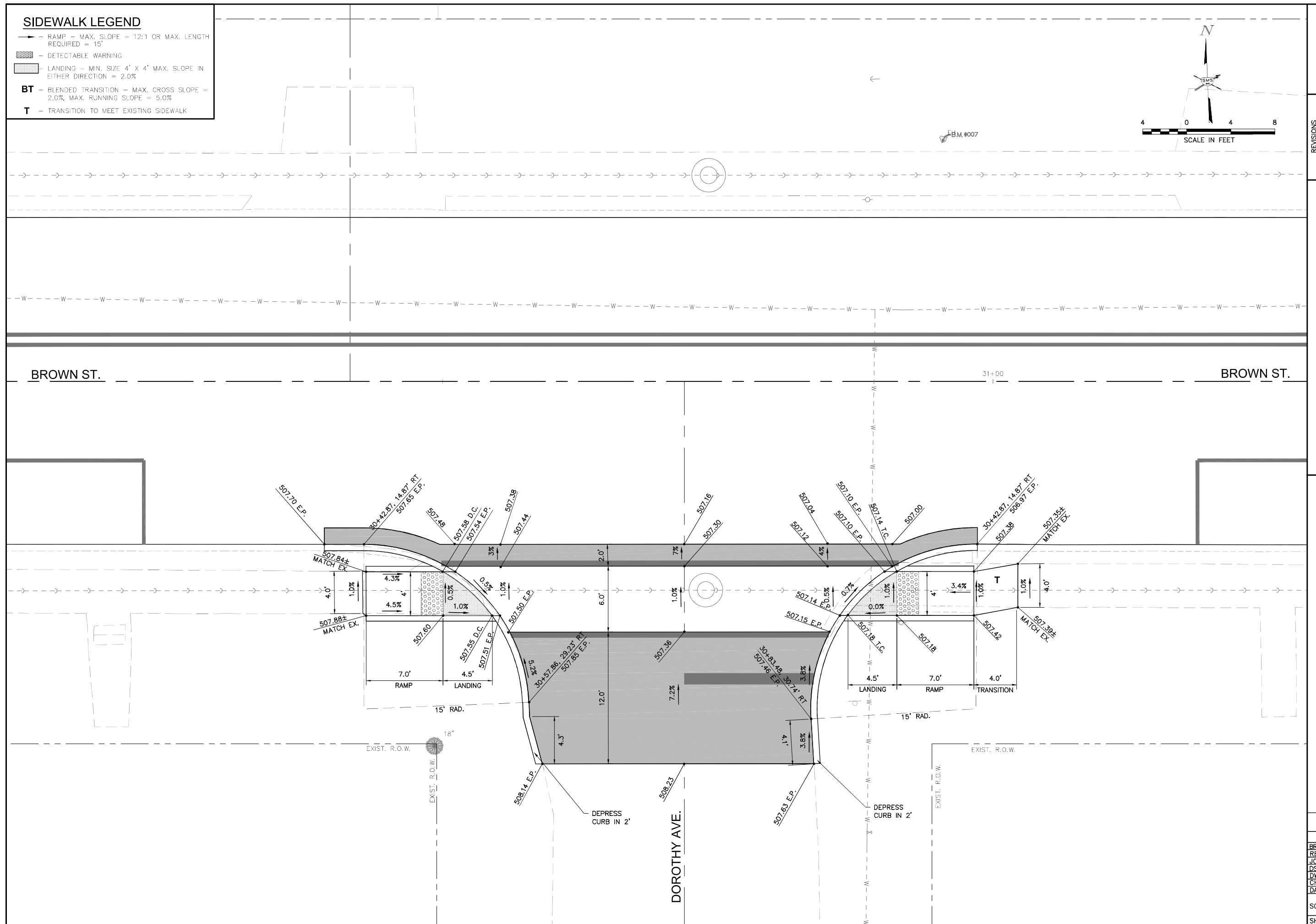
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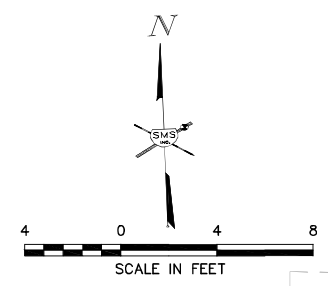
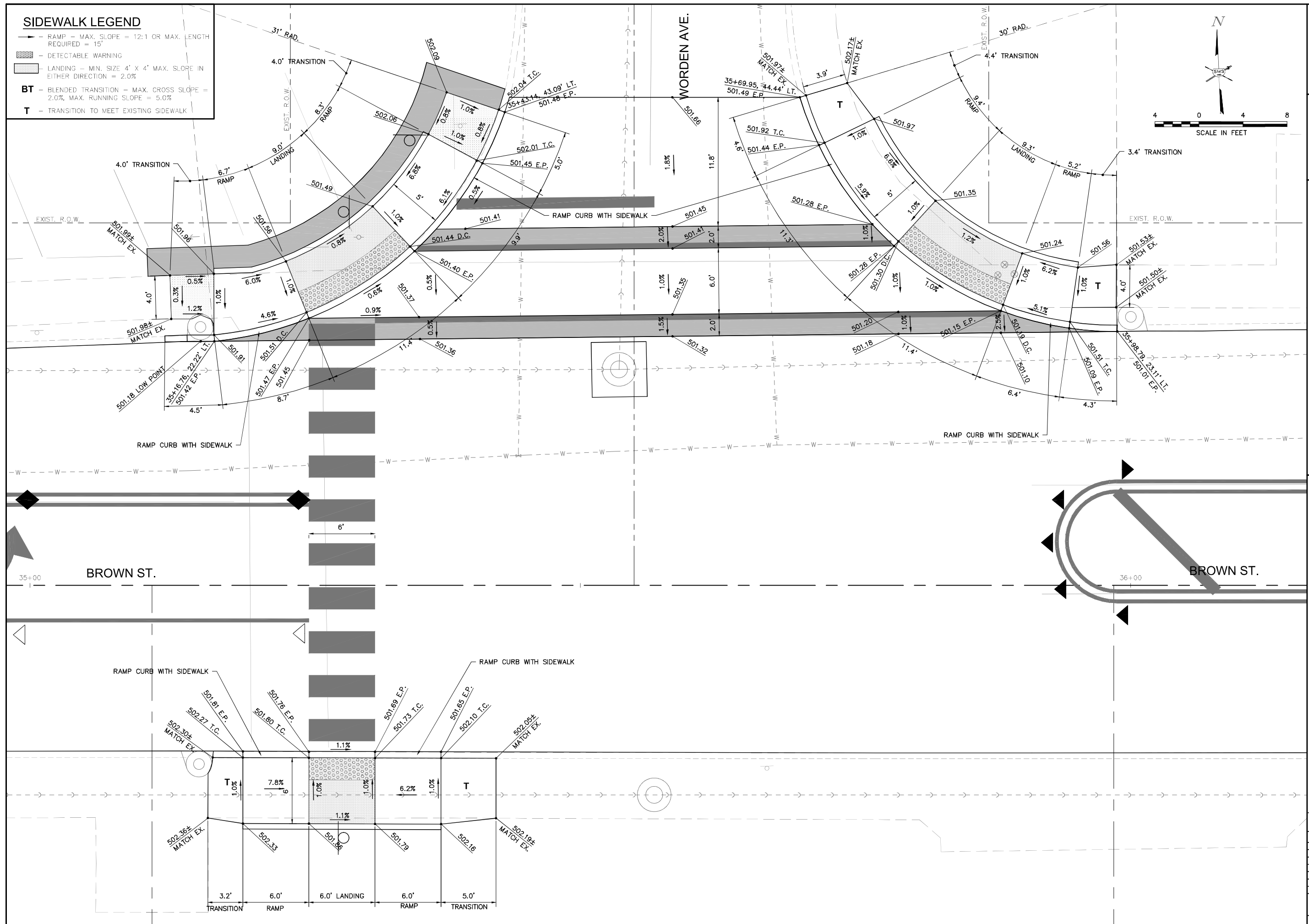
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DSN. BY: DEG	
DWN. BY: CDP	
CHK. BY: DEG	
DATE: JULY, 2021	

SCALE: 1" = 4'
SHEET 19 OF 25



SIDEWALK LEGEND

- RAMP — MAX. SLOPE = 12:1 OR MAX. LENGTH REQUIRED = 15'
- ▨ DETECTABLE WARNING
- ▭ LANDING — MIN. SIZE 4' X 4' MAX. SLOPE IN EITHER DIRECTION = 2.0%
- BT** — BLENDED TRANSITION — MAX. CROSS SLOPE = 2.0%, MAX. RUNNING SLOPE = 5.0%
- T** — TRANSITION TO MEET EXISTING SIDEWALK

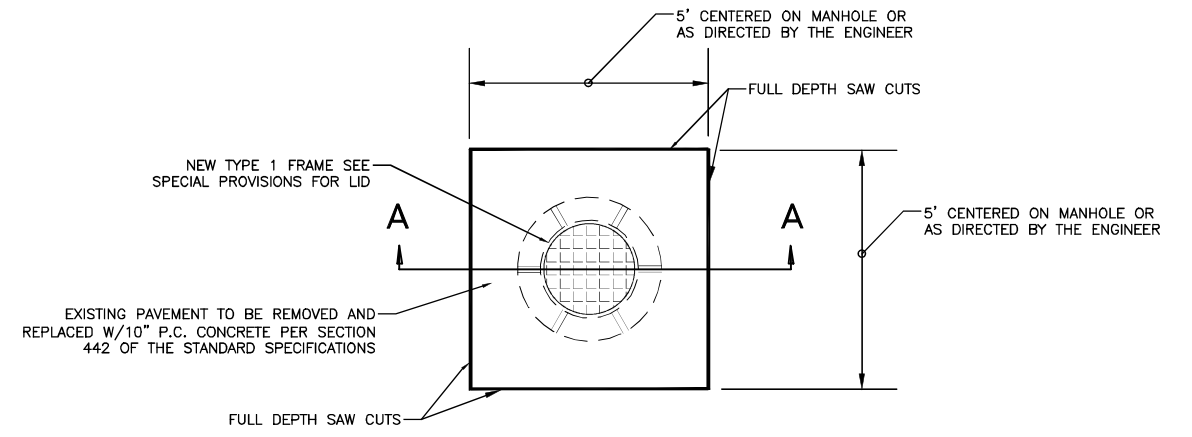


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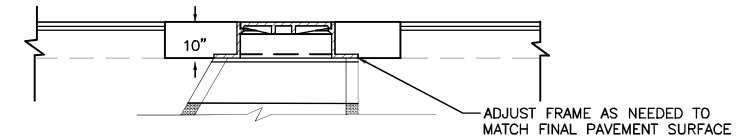
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SCALE:	1" = 4'
SHEET	20 OF 25




MANHOLES TO BE ADJUSTED (SPECIAL)
DETAIL NOT TO SCALE



NOTE: MANHOLES SHALL BE ADJUSTED AFTER THE FINAL HMA SURFACE WORK IS COMPLETED.

SECTION A - A
NOT TO SCALE

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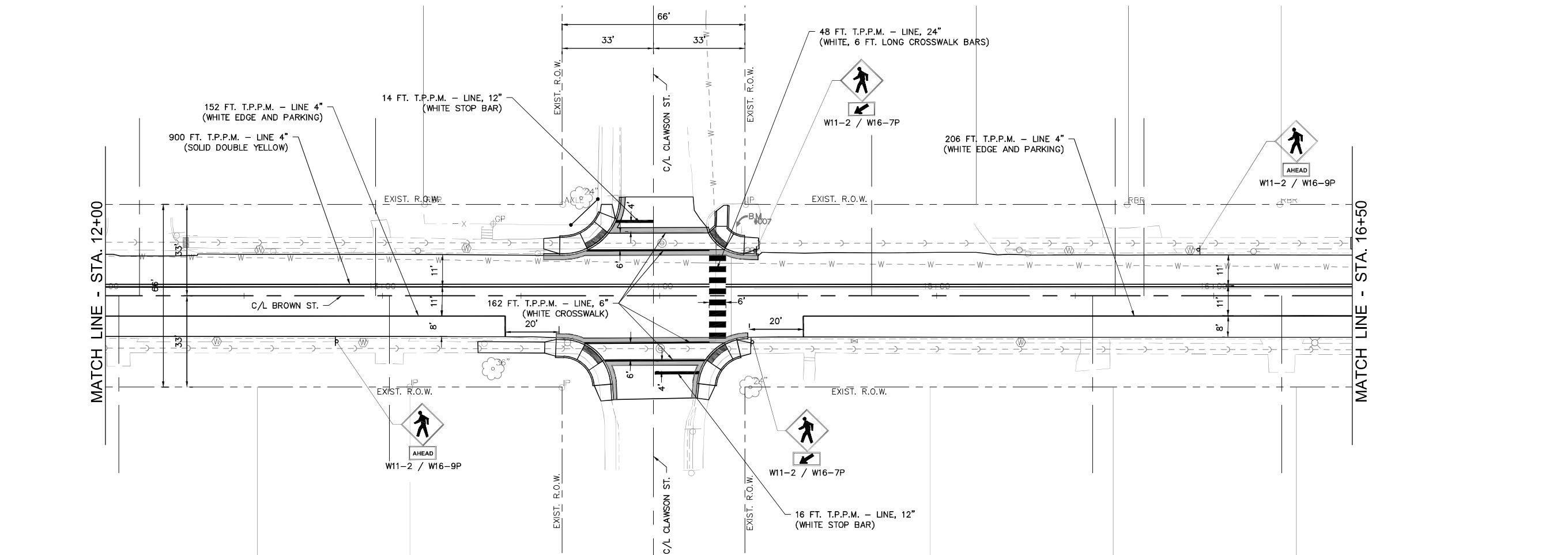
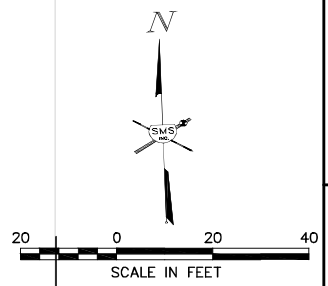
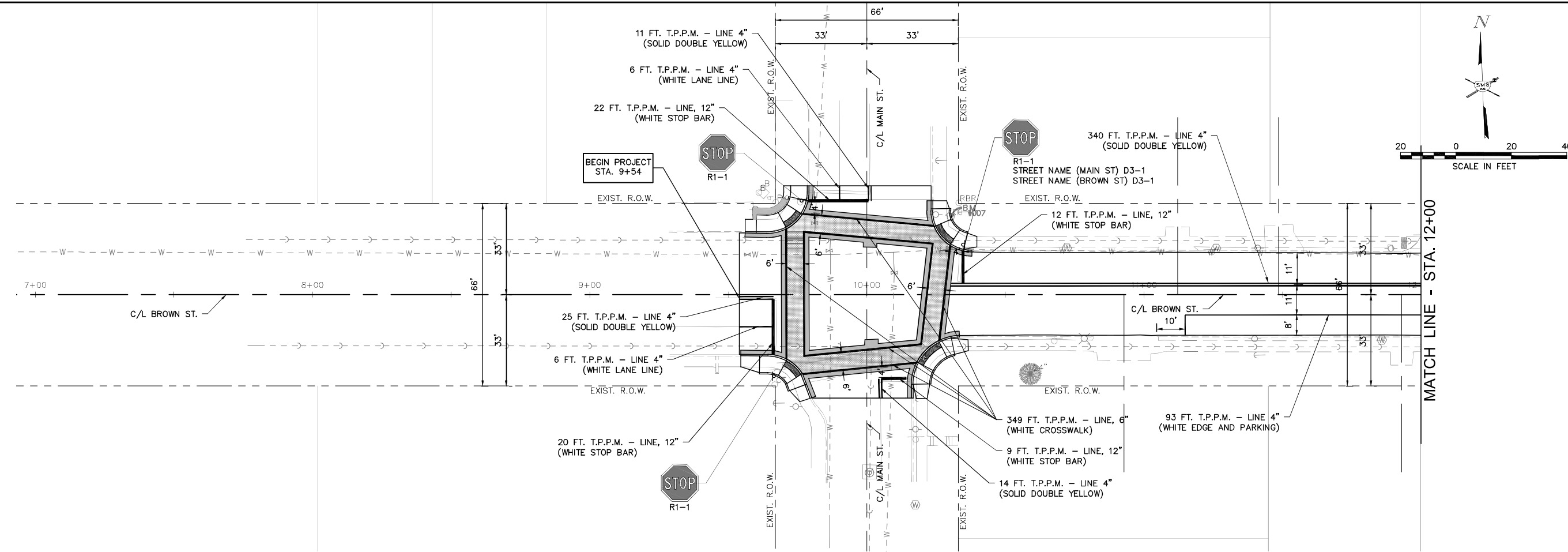
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 CHK. BY: DEG
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SCALE: 1" = 4'

SHEET 21 OF 25

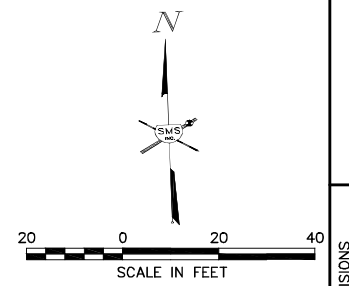
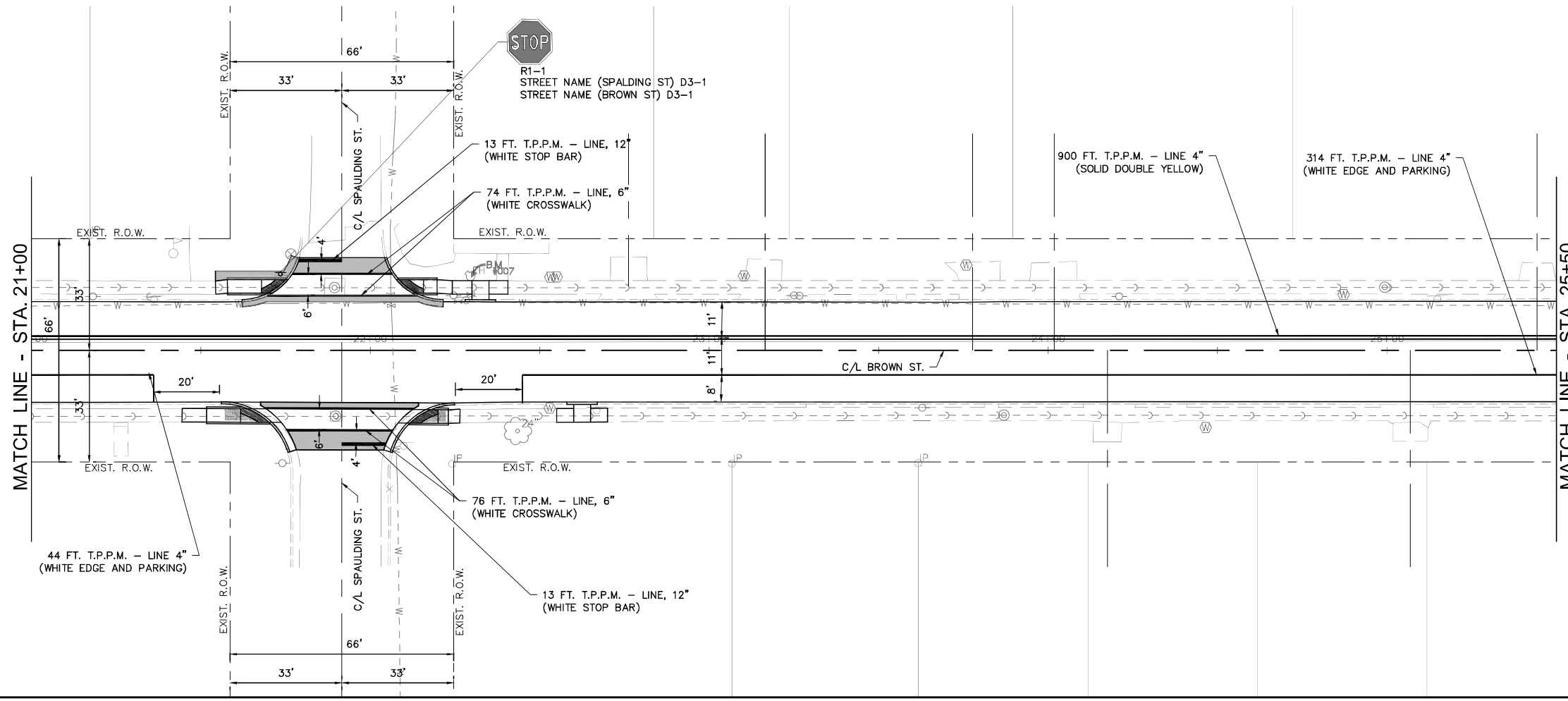
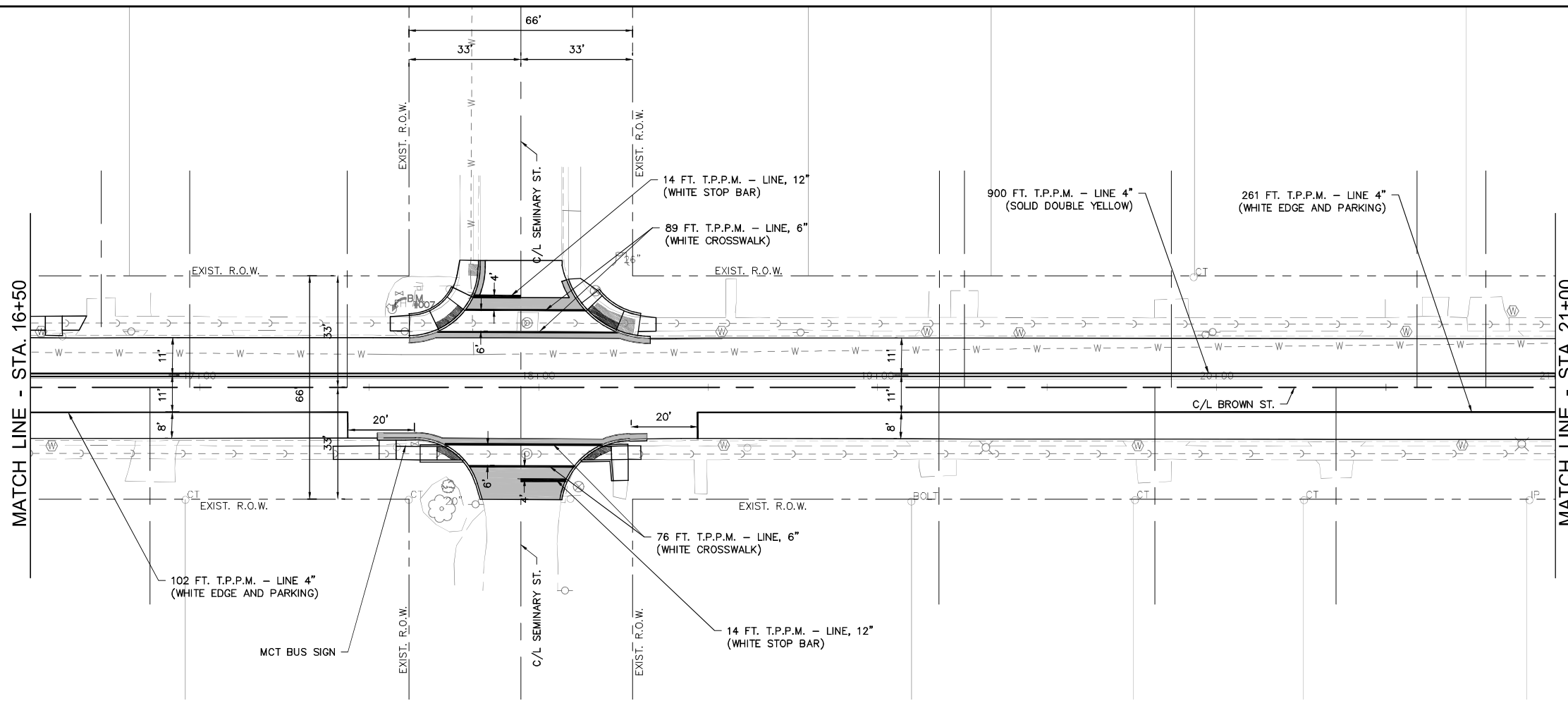


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CITY OF ALTON, ILLINOIS
SECTION 19-00240-00-RS
BROWN STREET RESURFACING
PAVEMENT MARKING & SIGNING PLAN

CONTRACT NO.	97768
REF. BK.	PG.
JOB NO.	500206
DSN. BY:	DEG
DWN. BY:	CDP
CHK. BY:	DEG
DATE:	JULY, 2021
SCALE:	
SHEET	22 OF 25



NO.	REVISIONS

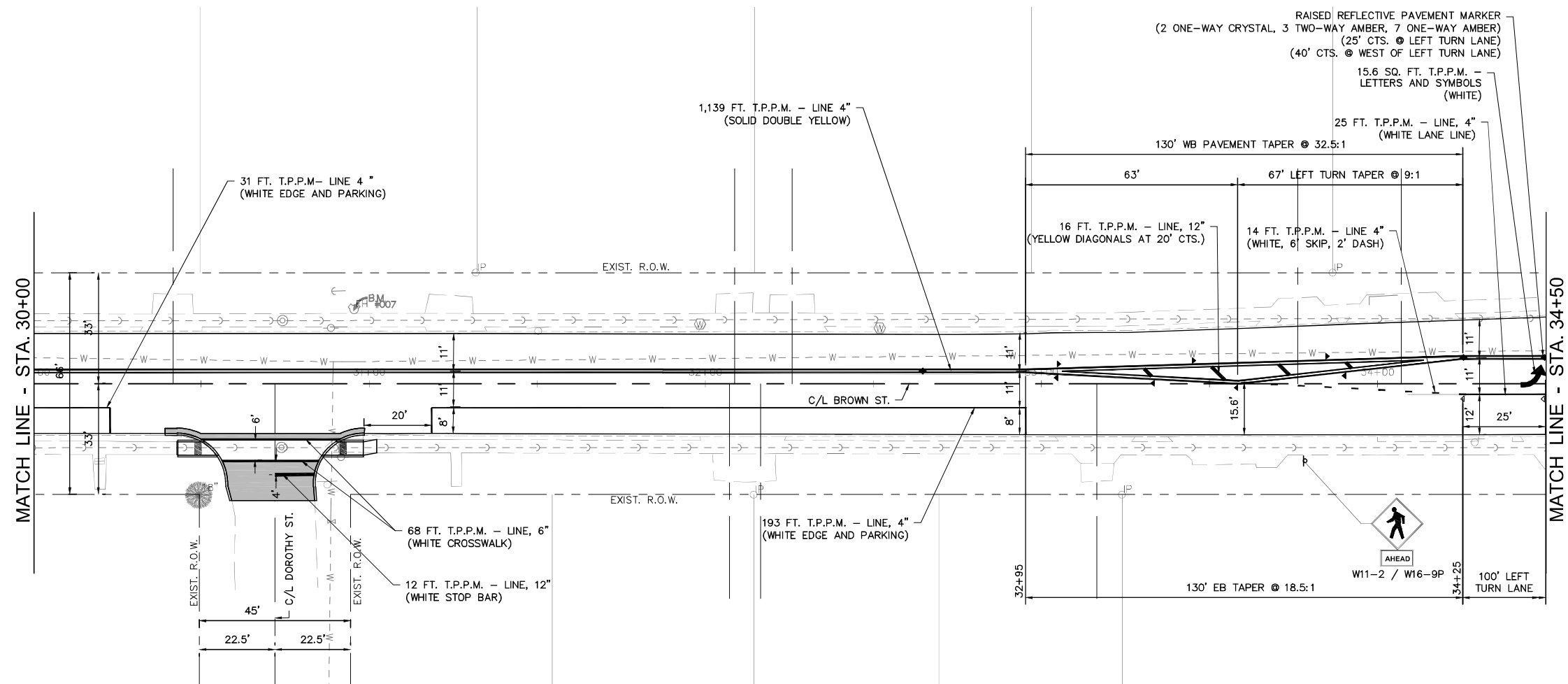
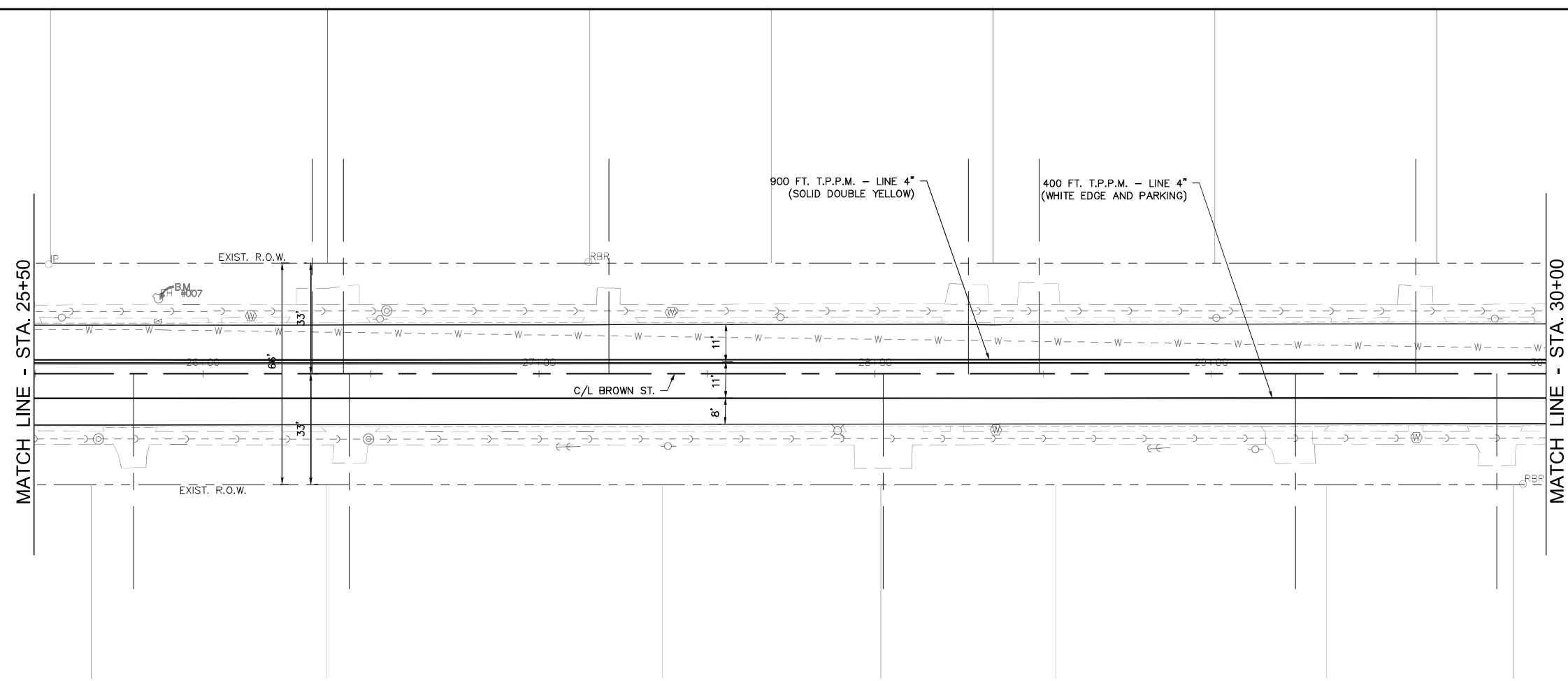
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BROWN ST PYMT MARK.dwg
REF. BK. PG.
JOB NO. 500206
DSN. BY: DEG
DWN. BY: CDP
CHK. BY: DEG
DATE: JULY, 2021
SCALE:
SHEET 23 OF 25



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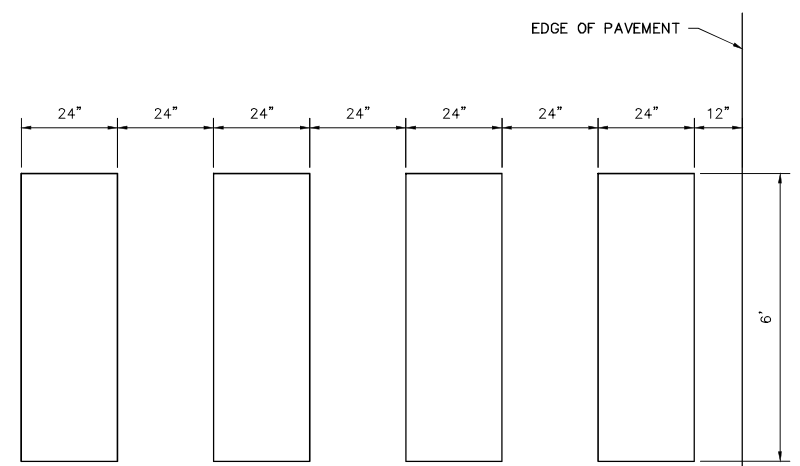
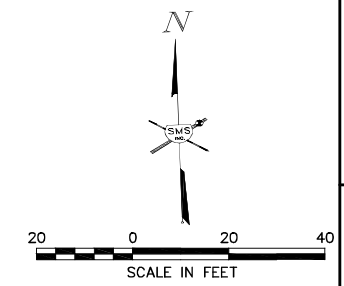
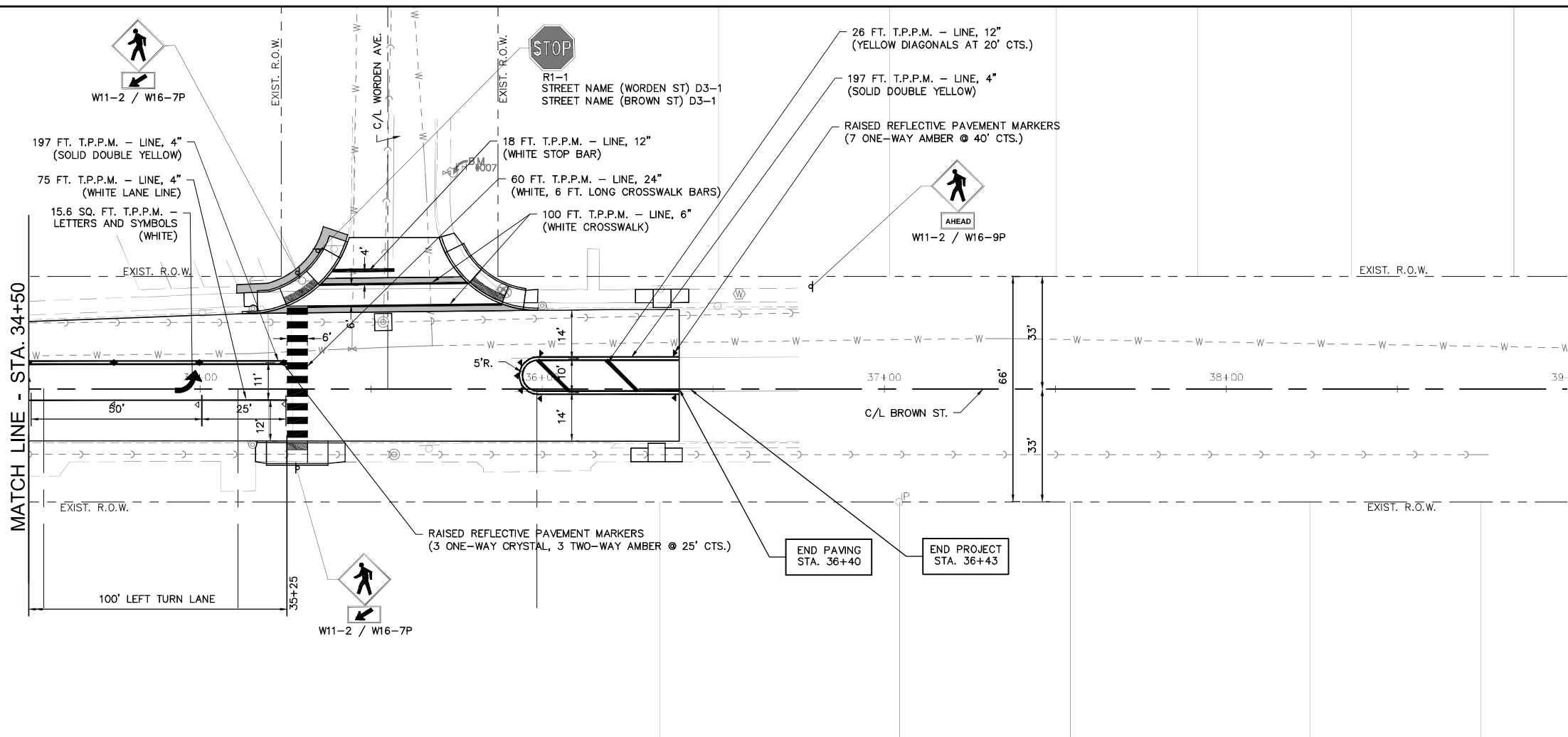
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 CHK. BY: DEG
 DATE: JULY, 2021

SCALE:
 SHEET 24 OF 25

MATCH LINE - STA. 34+50



TYPICAL CROSSWALK BARS DETAIL
NO SCALE

RAISED REFLECTIVE PAVEMENT MARKERS LEGEND

- ▶ ONE-WAY AMBER
- ▷ ONE-WAY CRYSTAL
- ◆ TWO-WAY AMBER

NOTES

1. THERMOPLASTIC PAVEMENT MARKING IS ABBREVIATED AS T.P.P.M.
2. PAINT PAVEMENT MARKING IS ABBREVIATED AS P.P.M.

NO.	REVISIONS

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SCALE:
SHEET 25 OF 25