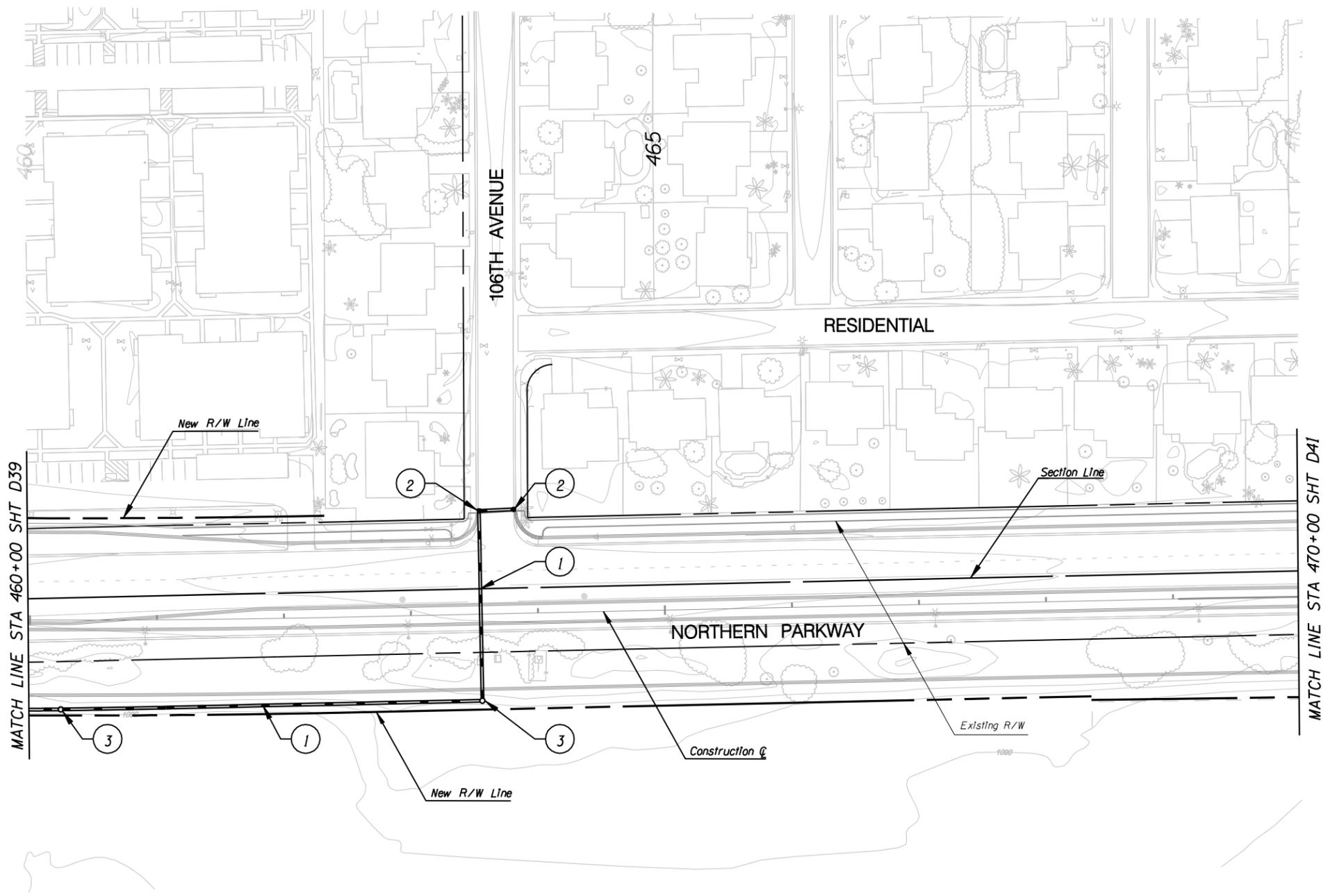


F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXX

REMOVAL /RELOCATE

CONSTRUCTION

- ① New 24" Storm Drain
- ② New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2
- ③ New Storm Drain Manhole



TWO WORKING DAYS
BEFORE YOU DIG, CALL
602-263-1100
BLUE STAKE

NO.	REVISION	BY	DATE

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	D. STOUGH	1/08
	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08



DRAINAGE PLAN SHEET
STA 460+00 TO STA 470+00
SHEET D40

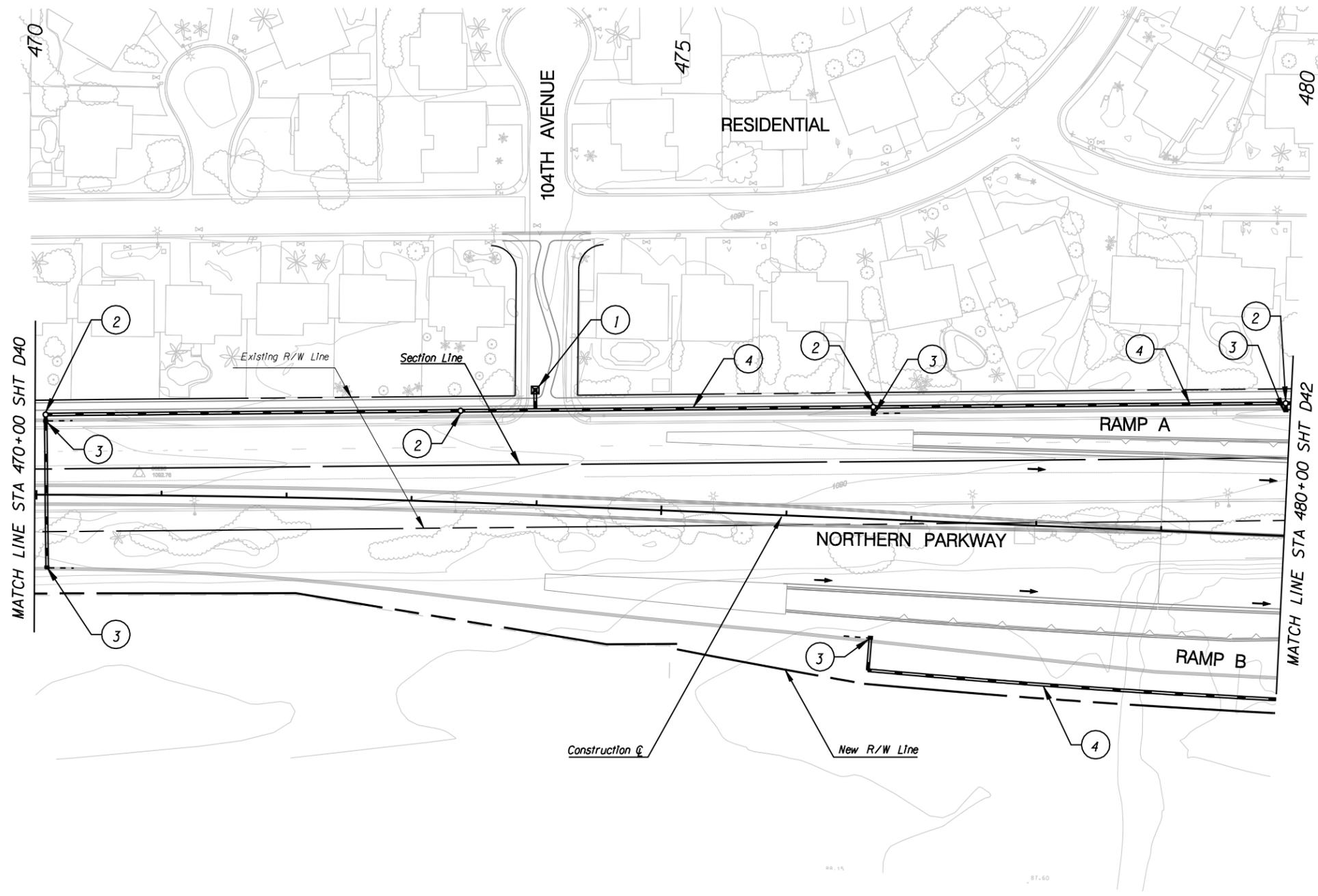


F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXX

REMOVAL /RELOCATE

CONSTRUCTION

- ① New 24" Storm Drain w/ New Area Catch Basin MAG Std Det 535, Type F
- ② New Storm Drain Manhole
- ③ New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
- ④ New 24" Storm Drain



TWO WORKING DAYS
BEFORE YOU DIG, CALL
602-263-1100
BLUE STAKE

NO.	REVISION	BY	DATE

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	D. STOUGH	1/08
	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08



DRAINAGE PLAN SHEET
STA 470+00 TO STA 480+00

SHEET
D41

REMOVAL /RELOCATE

CONSTRUCTION

- ① New 24" Storm Drain
- ② New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
- ③ New Storm Drain Manhole
- ⑤ New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 40' Slotted Drain
- ⑥ New 36" Storm Drain
- ⑦ New 48" Storm Drain
- ⑧ New Concrete Vault Pumping Station
- ⑨ New 30" Storm Drain
- ⑩ New 24" Storm Drain w/ Catch Basin MAG Std det 533-2
- ⑪ New Concrete Vault Manhole

NOTE: Starred Items are located on lower level (2*, 4*, etc)

NO.	REVISION	BY	DATE

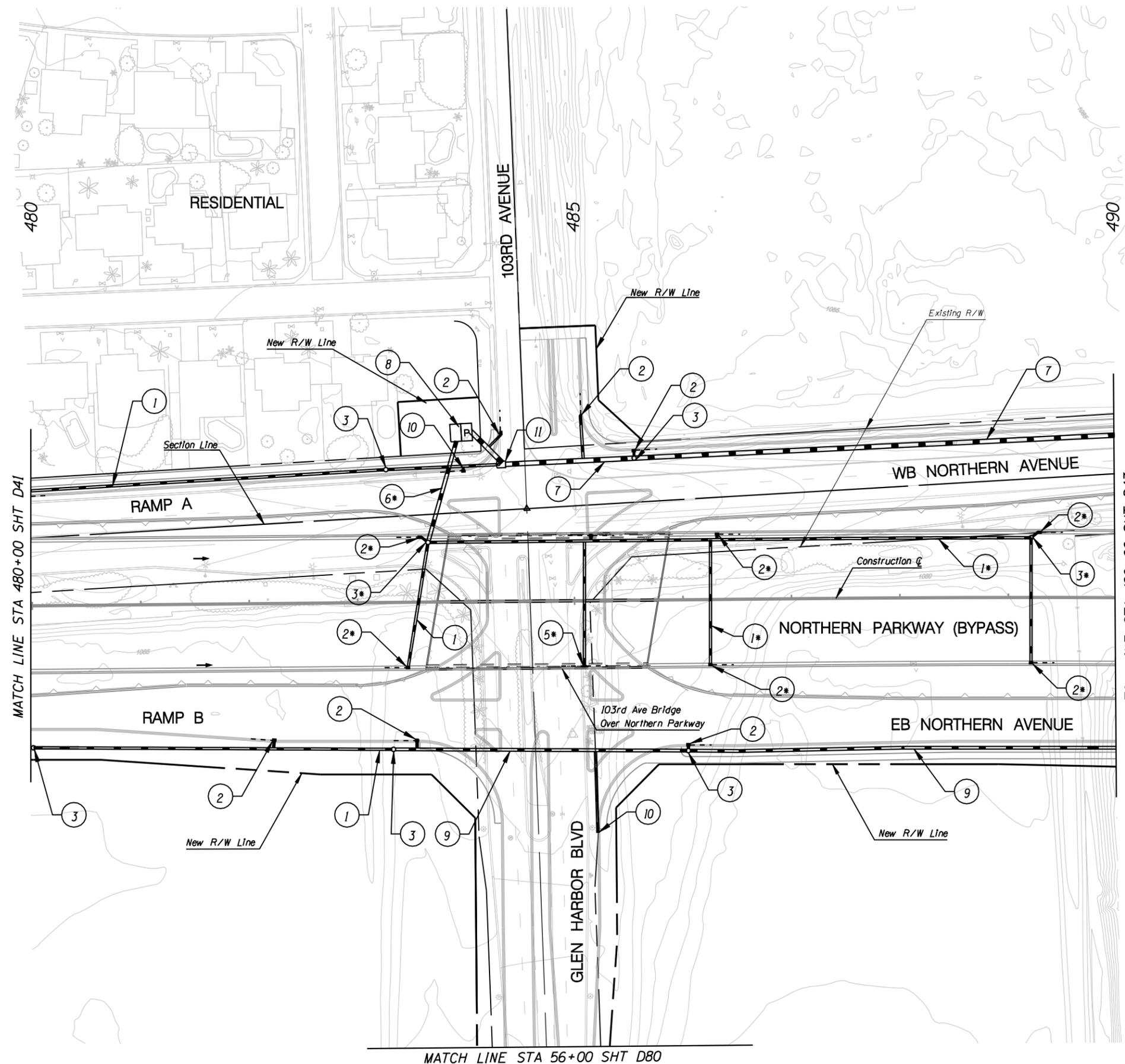
MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	D. STOUGH	1/08
	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08



DRAINAGE PLAN SHEET
STA 480+00 TO STA 490+00
SHEET D42



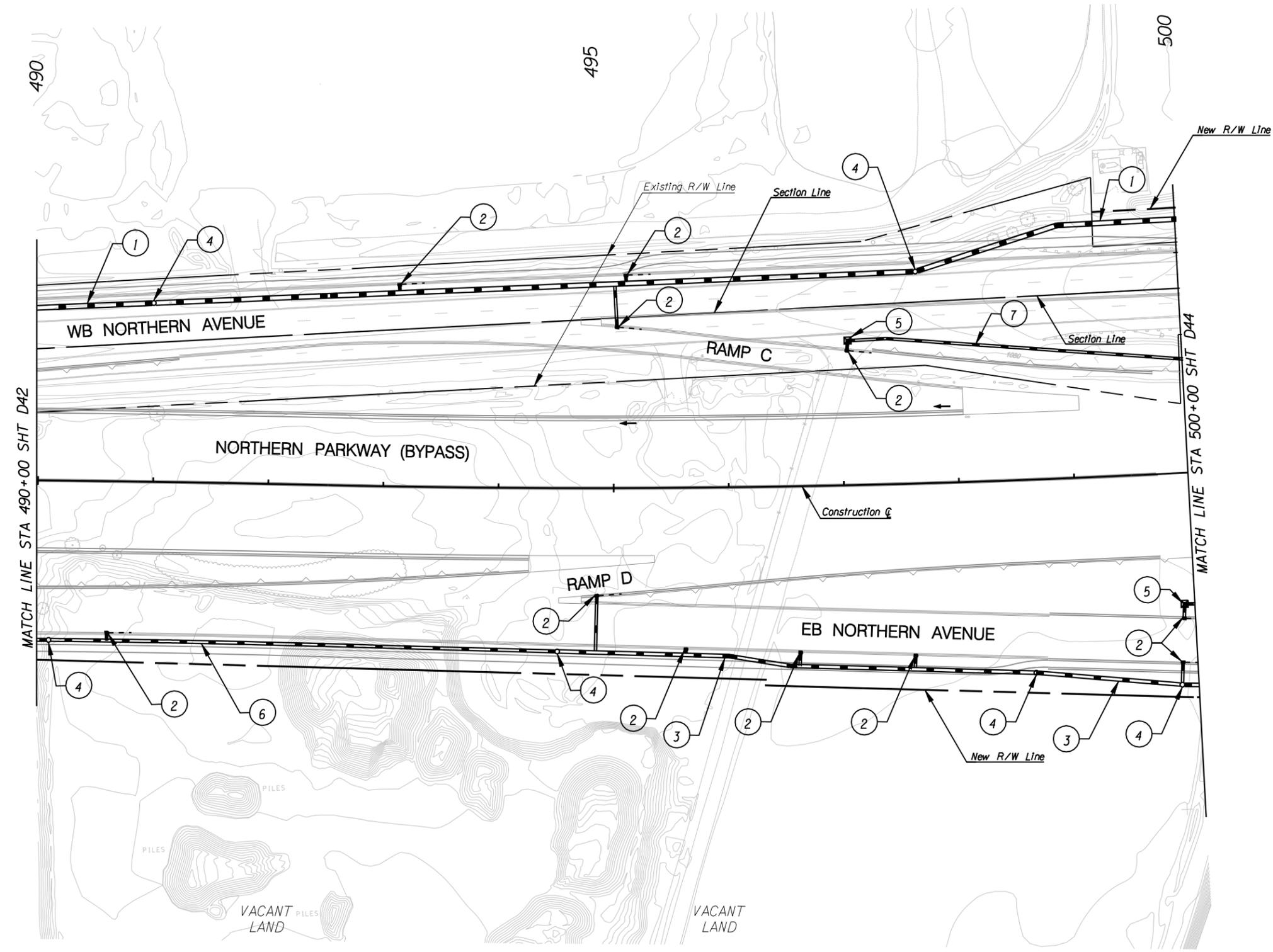
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TWO WORKING DAYS
BEFORE YOU DIG, CALL
602-263-1100
BLUE STAKE

REMOVAL /RELOCATE

CONSTRUCTION

- ① New 48" Storm Drain
- ② New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
- ③ New 36" Storm Drain
- ④ New Storm Drain Manhole
- ⑤ New Area Catch Basin MAG Std Det 535, Type F
- ⑥ New 30" Storm Drain
- ⑦ New 24" Storm Drain



TWO WORKING DAYS
BEFORE YOU DIG, CALL
602-263-1100
BLUE STAKE

NO.	REVISION	BY	DATE

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	D. STOUGH	1/08
	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08



DRAINAGE PLAN SHEET
STA 490+00 TO STA 500+00
SHEET D43

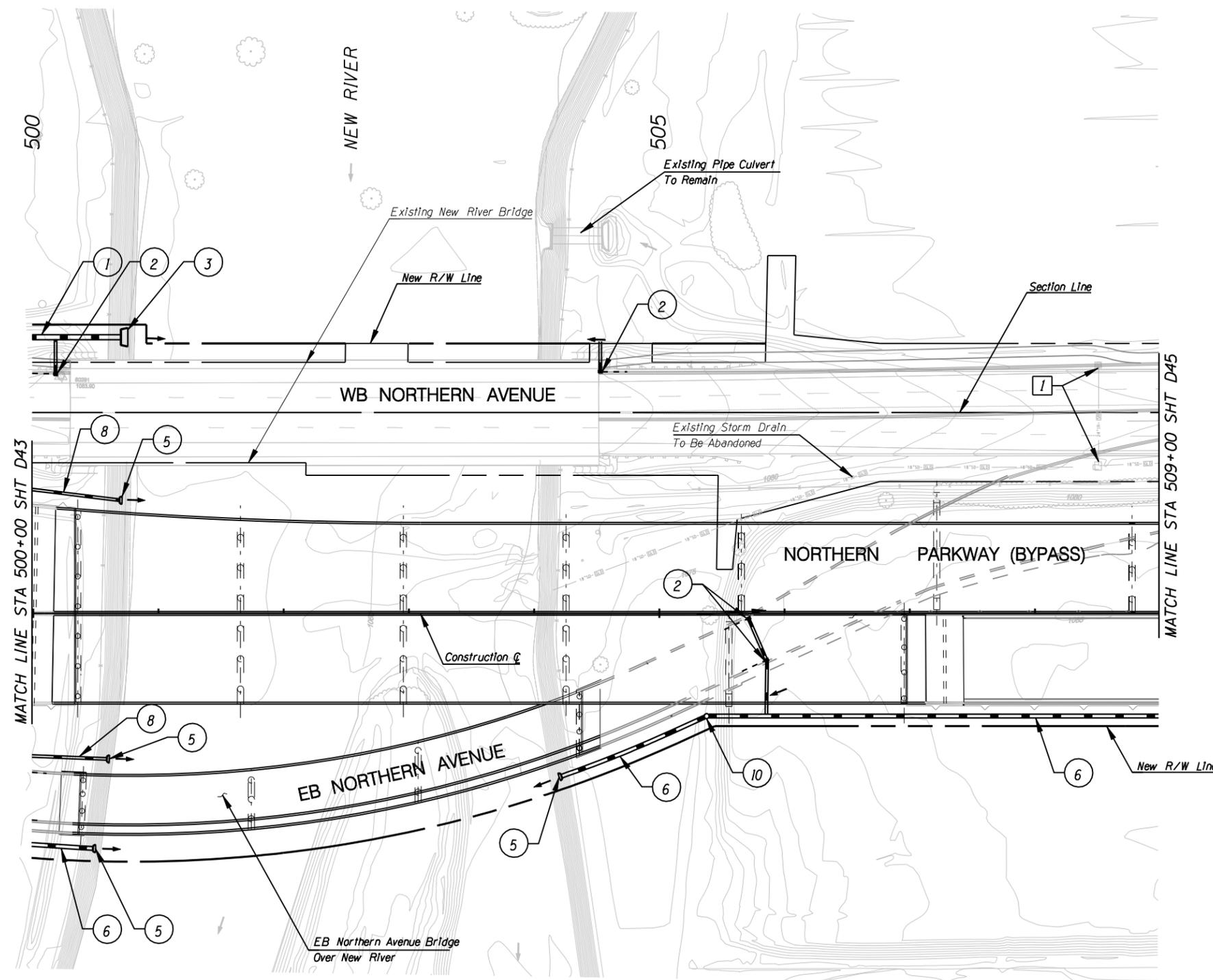
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F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXX

- REMOVAL /RELOCATE
- 1 Remove CB & Storm Drain

- CONSTRUCTION
- ① New 48" Storm Drain
 - ② New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20" Slotted Drain
 - ③ New Pipe Outlet Headwall ADOT Std Det B-11.12, 2:1 SS
 - ⑤ New Pipe Headwall MAG Std Det 501-4
 - ⑥ New 36" Storm Drain
 - ⑧ New 24" Storm Drain
 - ⑩ New Storm Drain Manhole



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TWO WORKING DAYS
BEFORE YOU DIG, CALL
602-263-1100
BLUE STAKE

NO.	REVISION	BY	DATE

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	D. STOUGH	1/08
	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08

URS

DRAINAGE PLAN SHEET
STA 500+00 TO STA 509+00

SHEET D44
TRACS NO. 0000 MA MMA S5593 OIC



- REMOVAL /RELOCATE
- 1 Remove CB & Abandon Pipe

- CONSTRUCTION
- ① New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
 - ② New 24" Storm Drain w/ New Area Catch Basin MAG Std Det 535, Type F
 - ③ New Storm Drain Manhole
 - ④ New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 40' Slotted Drain
 - ⑤ New Catch Basin, Median Dike ADOT Std Det C-15.90
 - ⑥ New 36" Storm Drain
 - ⑦ New 30" Storm Drain
 - ⑧ New 24" Storm Drain w/ Catch basin MAG Std Det 533-2
 - ⑨ Dumped Riprap V-Ditch
 - ⑩ New 24" Storm Drain

NO.	REVISION	BY	DATE

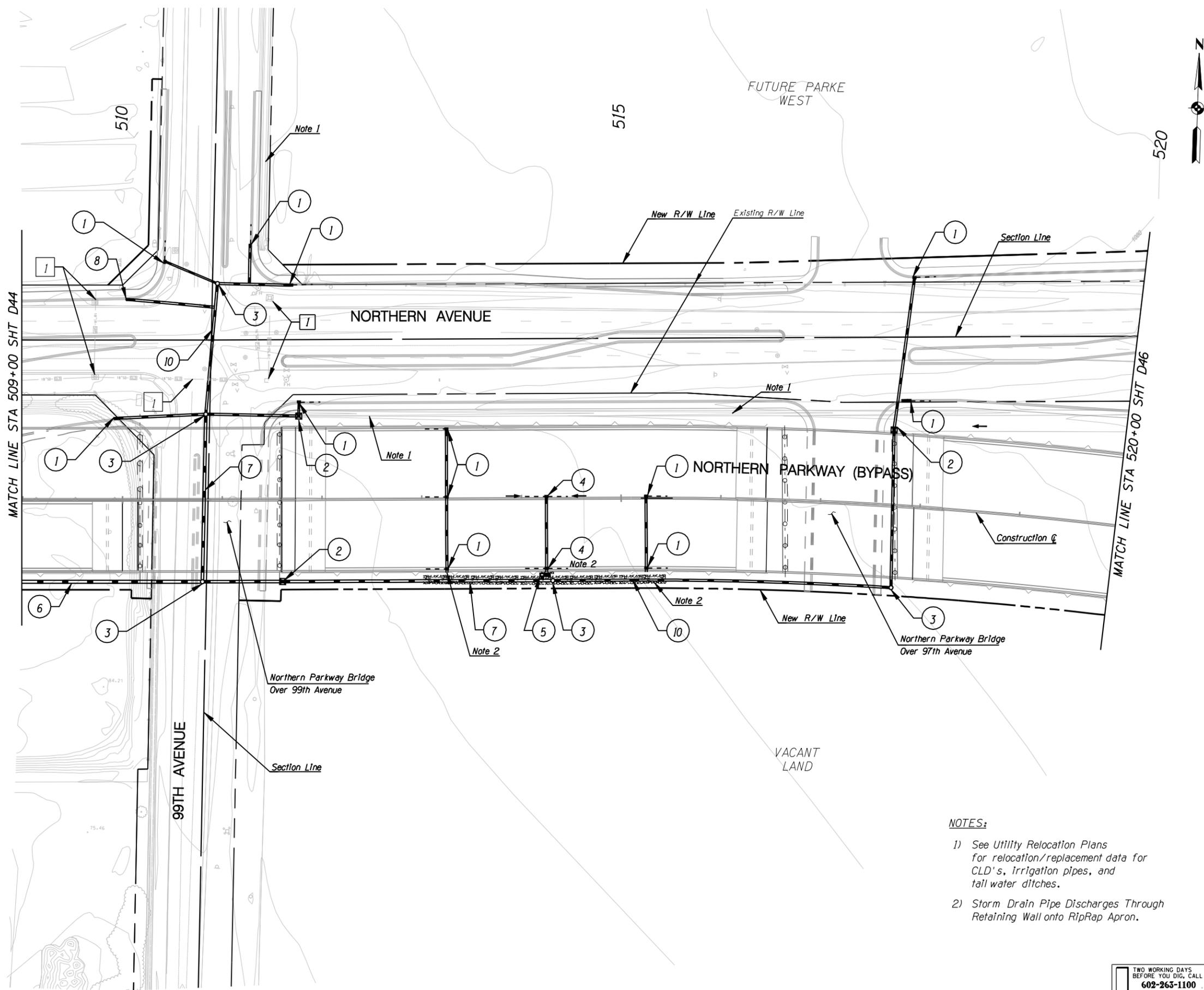
MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	D. STOUGH	1/08
	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08



DRAINAGE PLAN SHEET
STA 509+00 TO STA 520+00
SHEET D45



- NOTES:**
- 1) See Utility Relocation Plans for relocation/replacement data for CLD's, Irrigation pipes, and tail water ditches.
 - 2) Storm Drain Pipe Discharges Through Retaining Wall onto RipRap Apron.



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<input type="checkbox"/>	REMOVAL /RELOCATE	<input type="checkbox"/>
<input checked="" type="checkbox"/>	2 Remove CB	

- CONSTRUCTION
- ① New 24" Storm Drain w/ New Area Catch Basin ADOT Std Det C-15.81
 - ② New 24" Storm Drain w/ Catch Basin ADOT Std Det C-15.20
 - ⑤ Extend 24" Storm Drain, New Catch Basin per ADOT Std Det C-15.20

NO.	REVISION	BY	DATE

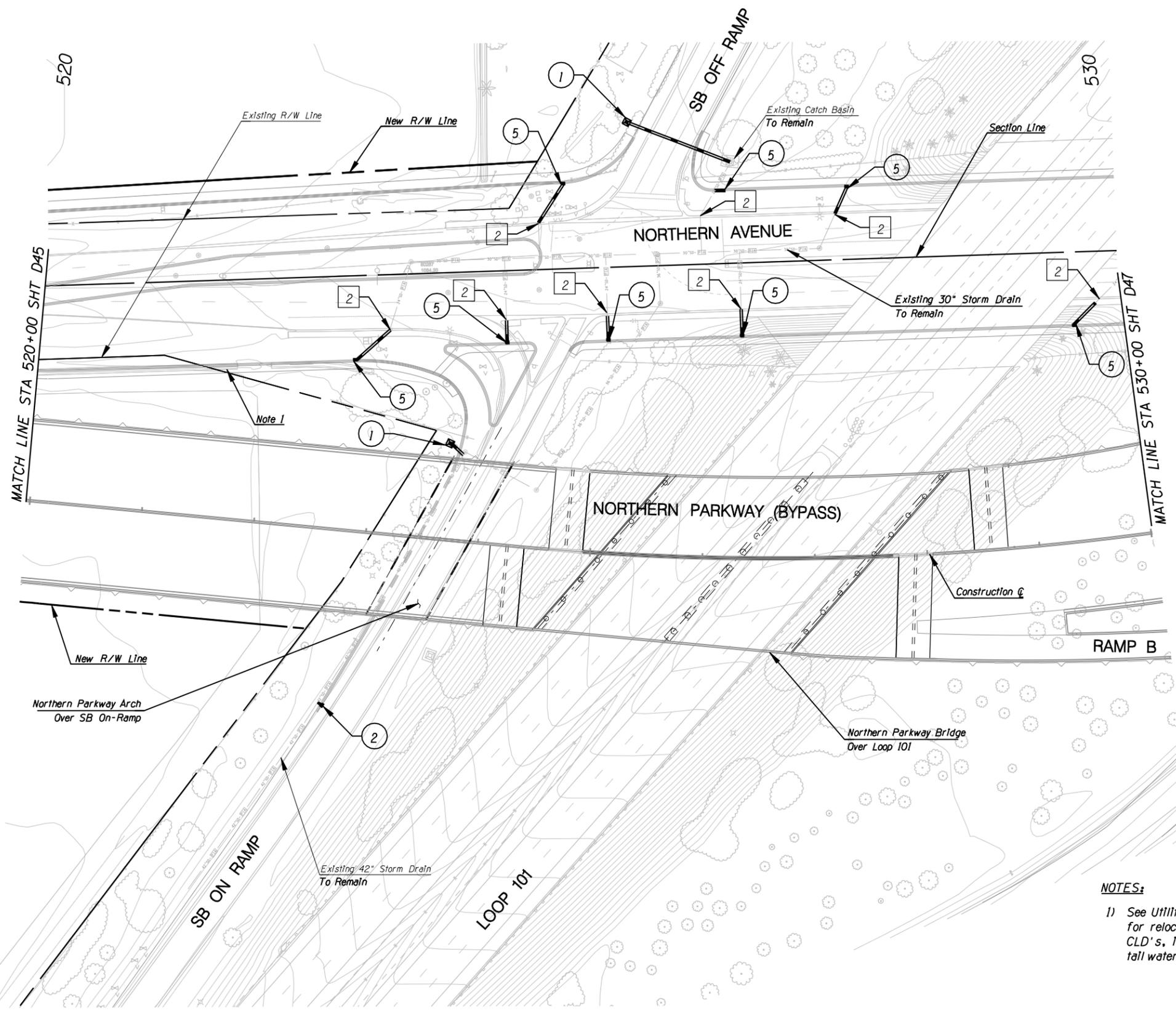
MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	D. STOUGH	1/08
	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08



DRAINAGE PLAN SHEET
STA 520+00 TO STA 530+00
SHEET D46



NOTES:
1) See Utility Relocation Plans for relocation/replacement data for CLD's, Irrigation pipes, and fall water ditches.

