

REMOVAL /RELOCATE

CONSTRUCTION

- ① Channel Excavation for Trapezoidal Channel 14' Bottom Width, 5' Depth, 2:1 SS
- ② New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
- ④ New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
- ⑤ New Area Catch Basin MAG Std Det 535, Type F
- ⑥ New Dumped Riprap Spillway & Scupper
- ⑦ New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 40' Slotted Drain

NO.	REVISION	BY	DATE

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

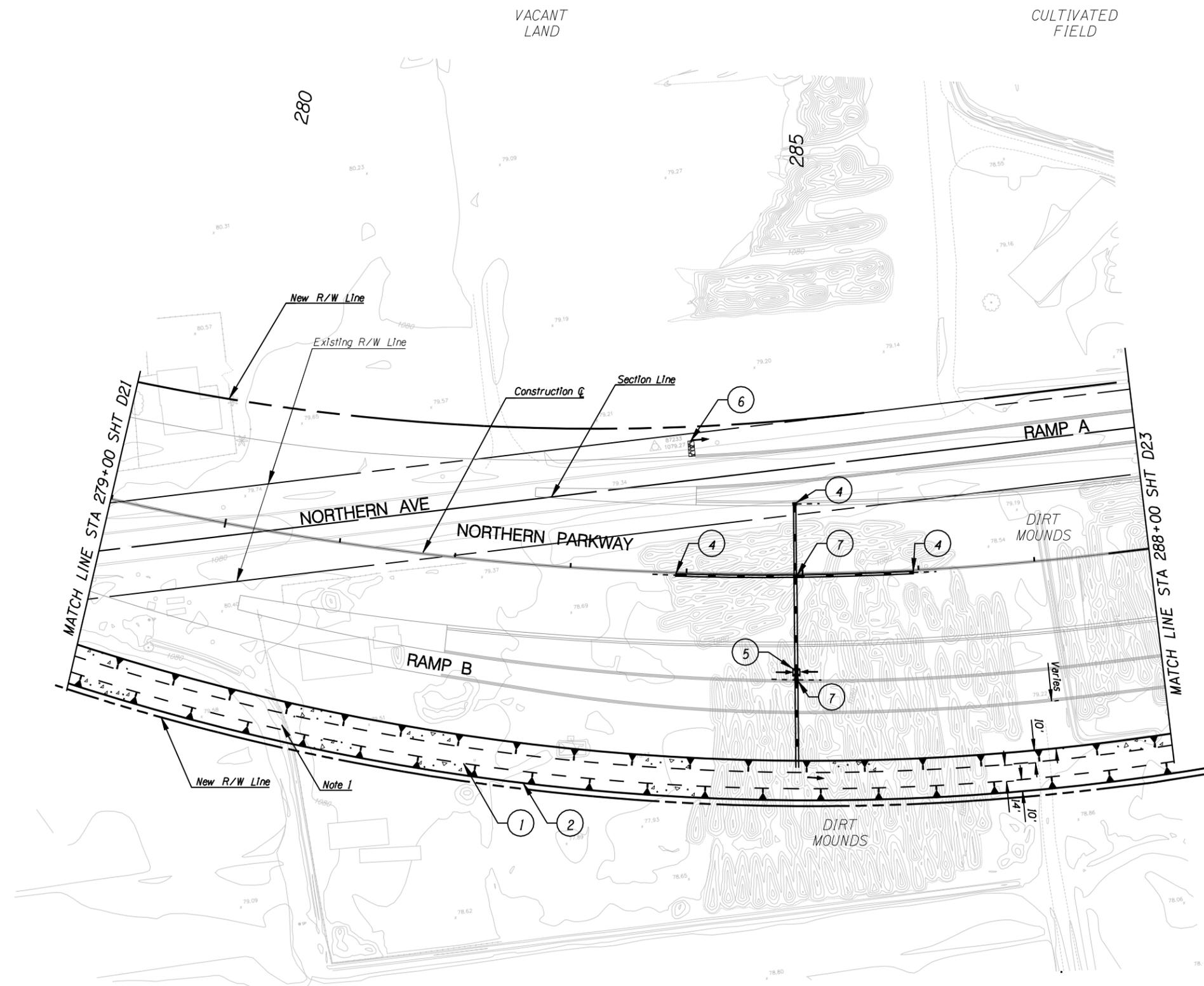
NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

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



DRAINAGE PLAN SHEET
STA 279+00 TO STA 288+00

SHEET
D22



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



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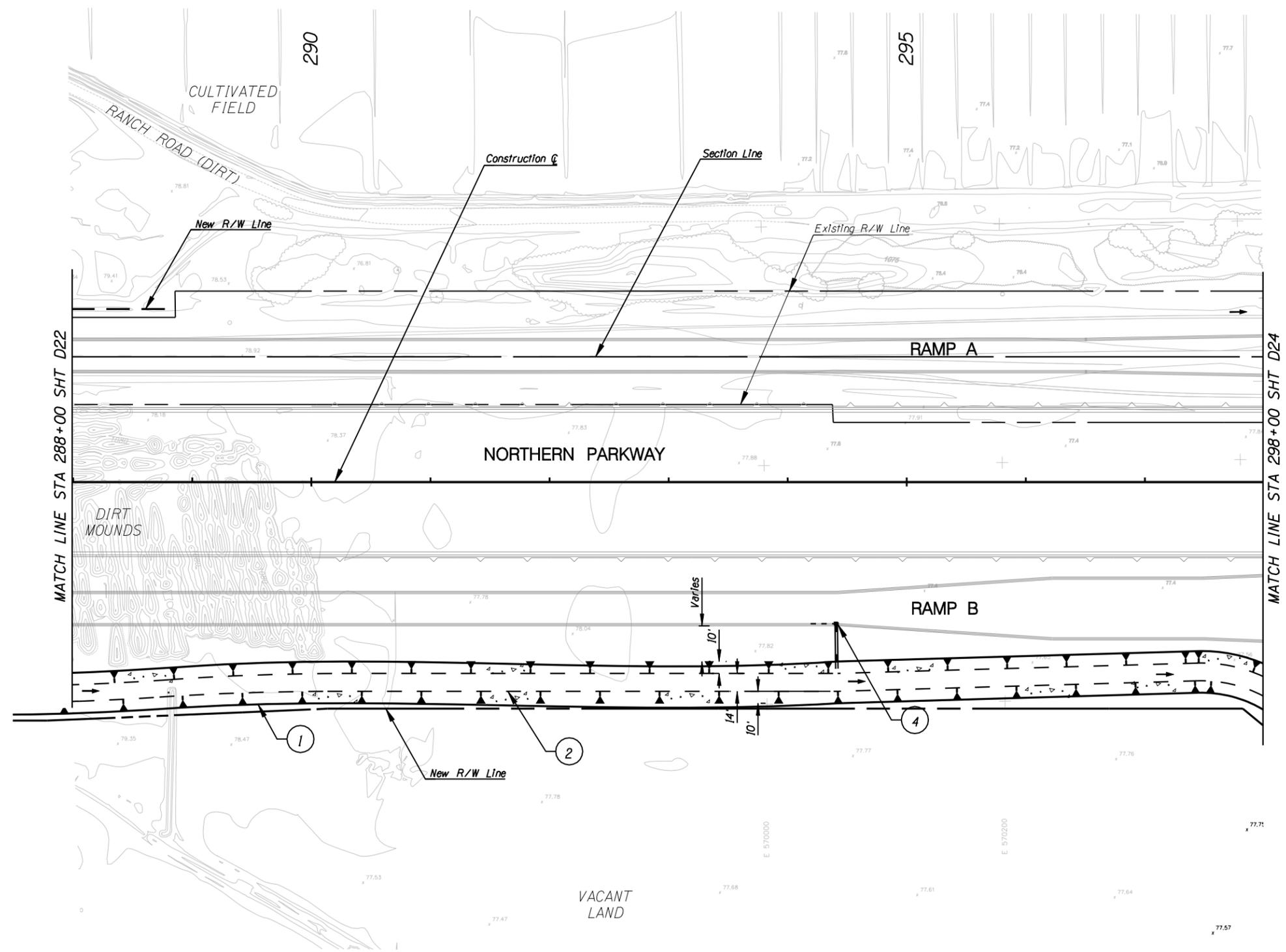


F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXX

REMOVAL /RELOCATE

CONSTRUCTION

- ① Channel Excavation for Trapezoidal Channel
14' Bottom Width, 5' Depth, 2:1 SS
- ② New Concrete Channel Bank Lining
6" Thick, Steel Reinforced
- ④ New 24" Storm Drain w/
Catch Basin MAG Std Det 533-2
and 20' Slotted 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 288+00 TO STA 298+00

SHEET
D23

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

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- REMOVAL /RELOCATE
- 1 Remove Existing Catch Basin
 - 2 Remove Electrical Items

- CONSTRUCTION
- 1 Channel Excavation for Trapezoidal 14' Bottom Width, 5' Depth, 2:1 SS
 - 2 New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
 - 3 New (2) 10' X 4' CBC ADOT Std Det B-02.20
 - 4 New CBC Level Wingwall ADOT Std Det B-08.10
 - 5 New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
 - 6 New 24" Storm Drain w/ New Area Catch Basin MAG Std Det 535, Type F
 - 7 New Storm Drain Manhole
 - 8 New 36" Storm Drain
 - 10 New 24" Storm Drain
 - 11 New CBC Outlet Wingwall ADOT Std Det B-04.50 and Conc Apron B-05.20
 - 12 New Concrete Channel Transition
 - 13 Extend 15" Storm Drain w/ New Catch Basin MAG Std 533-2 and 20' Slotted Drain

NO.	REVISION	BY	DATE

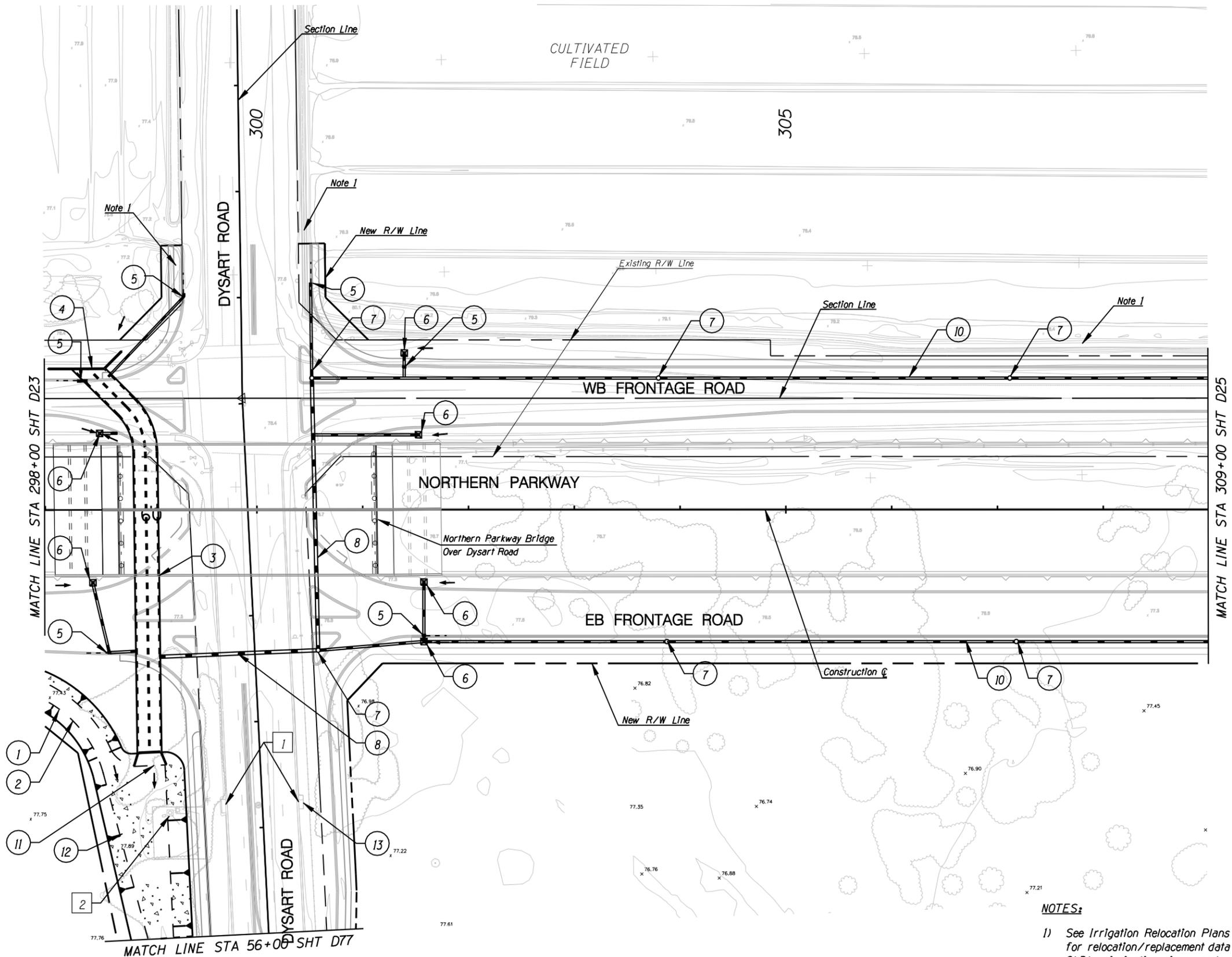
MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

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 298+00 TO STA 309+00



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



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REMOVAL /RELOCATE

CONSTRUCTION

- ① New 24" Storm Drain w/ Catch Basin
MAG Std Det 533-2 and 20' Slotted Drain
- ② New Area Catch Basin Mag Std Det 535,
Type F
- ③ New 24" Storm Drain
- ④ New Storm Drain Manhole
- ⑤ New 24" Storm Drain w/ Catch Basin
MAG Std Det 533-2 and 40' Slotted Drain
- ⑥ New 24" Storm Drain New Area Catch Basin
MAG Std Det 535, Type F

NO.	REVISION	BY	DATE

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

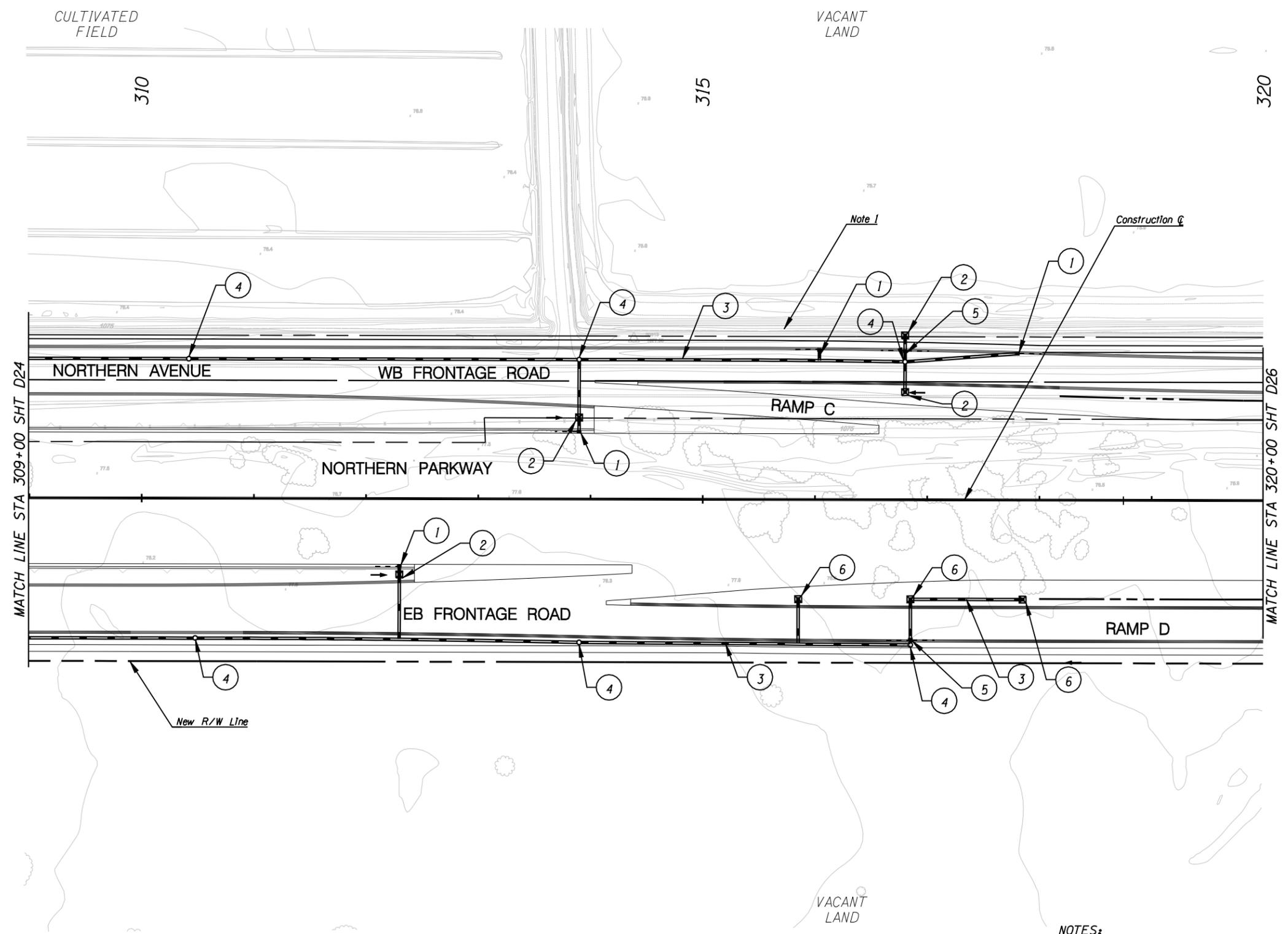
NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

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



DRAINAGE PLAN SHEET
STA 309+00 TO STA 320+00

SHEET
D25



NOTES:

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

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

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REMOVAL /RELOCATE

CONSTRUCTION

- ① New 24" Storm Drain
New Area Catch Basin
MAG Std Det 535, Type F
- ② New (2) 48" Storm Drain
- ③ New 24" Storm Drain w/ Catch Basin
MAG Std Det 533-2 and 20' Slotted Drain
- ④ New Pipe Headwall ADOT Std Det B-11.13
Skew 15°, 2:1 SS
- ⑤ Channel Excavation for Trapezoidal Channel
6' Bottom Width, 4' Depth, 2:1 SS
- ⑥ New Concrete Channel Bank Lining
6" Thick, Steel Reinforced
- ⑦ New Area Catch Basin MAG Std Det 538, Type H
- ⑧ New Riprap Apron

NO.	REVISION	BY	DATE

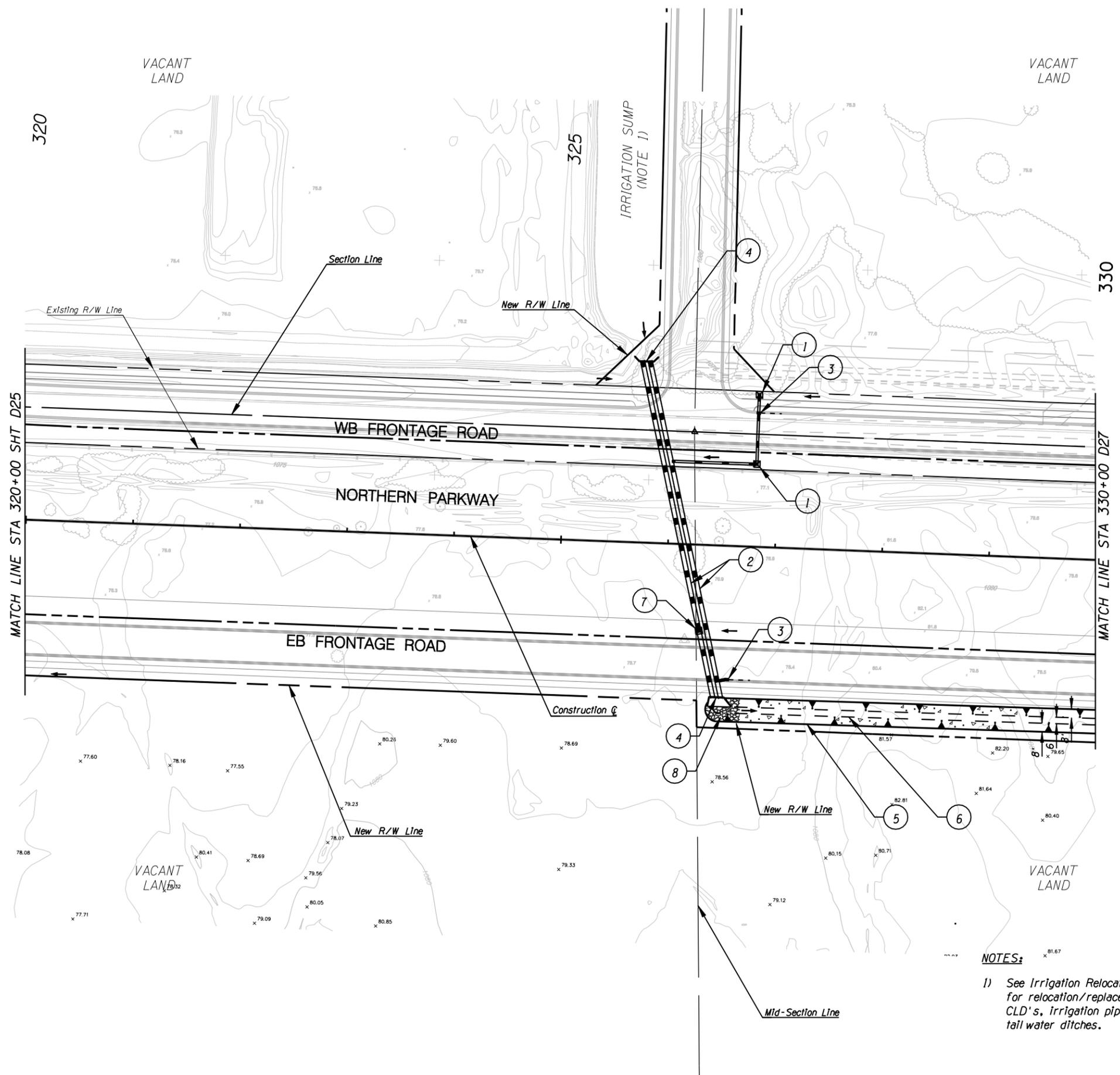
MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
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NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

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	DRAWN	L. WAGNER	1/08
	CHECKED	R. MILES	1/08



DRAINAGE PLAN SHEET
STA 320+00 TO STA 330+00



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



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