April 26, 2010

Northern Parkway

Final Design Concept Report
Volume II - Revised Concept Plan Sheets

FHWA Project No.: STP-MMA-0(034)N
ADOT TRACS No.: 0000 MA MMA SS593 01C

Prepared for:
City of Glendale
Transportation Department

In Cooperation with:
City of Peoria
City of El Mirage
Maricopa County
Arizona Department of Transportation
Luke Air Force Base

URS

NORTHERN parkway

NORTHERN PARKWAY

Final Design Concept Report

Volume 11 - Concept Plans

April, 2010

Registered Professional Engineer (Civil)
CERTIFICATE NO
21705
ROGER W.
MILES
Date Signed
ARIZONA, U.S.A.

Table of Contents

Alternative 1 - Northern Avenue Alignment Option 1 - (With 2 traffic Signals) - Selected Alternative

Alternative 2 - Northern Avenue Alignment Option 2 (No traffic Signals))

Alternative 3 - Southern Alignment

ALTERNATIVE 1

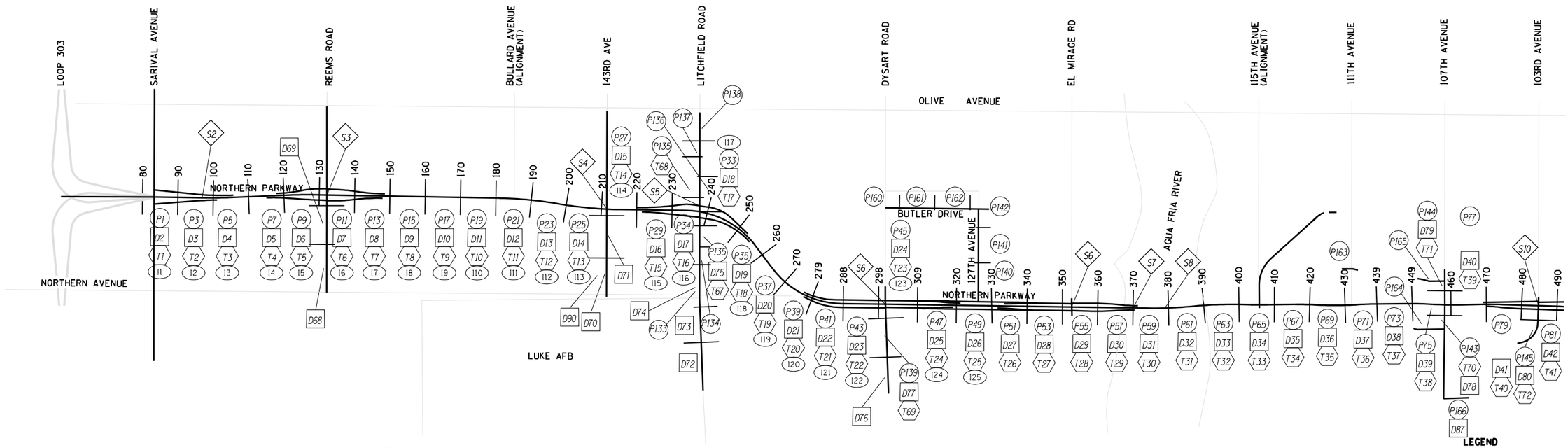
Northern Avenue Alignment Option 1 - (With 2 Traffic Signals)

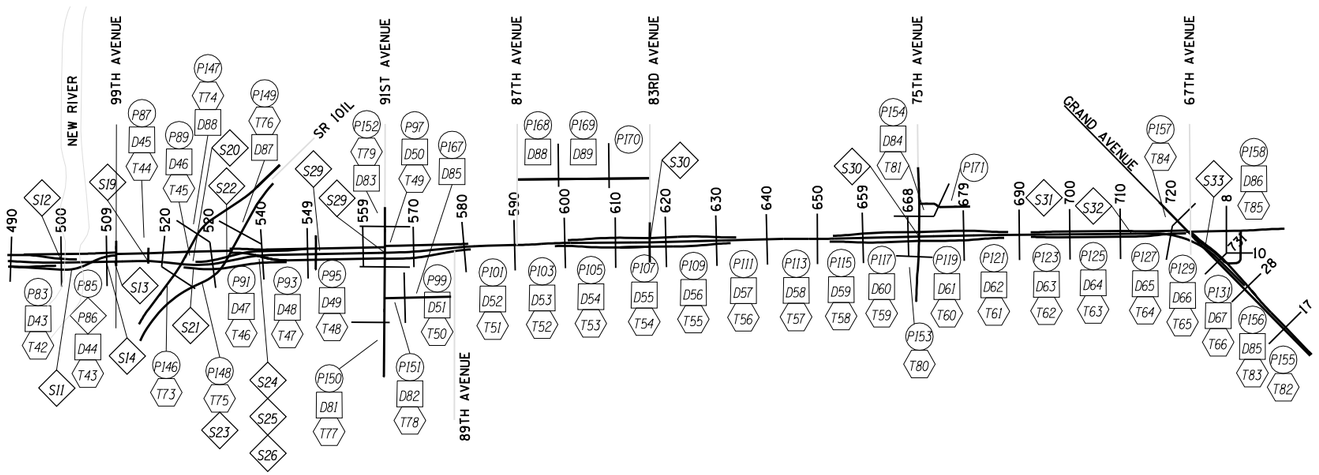
Selected Alternative

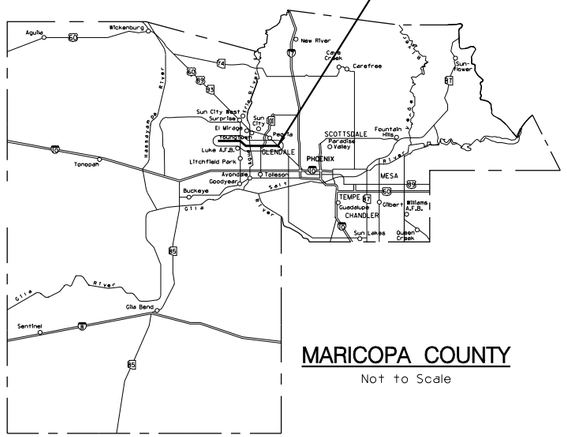
MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION

PLANS FOR THE CONSTRUCTION OF
NORTHERN PARKWAY – LOOP 303 TO GRAND AVENUE

PROJECT NO. T195 – ALTERNATIVE 1







LEGEND

- (PXX) Plan Sheet
- (IXX) Irrigation Sheet
- (DXX) Drainage Sheet
- (SXX) Structure Sheet
- (TXX) Striping Sheet

IN COOPERATION WITH:

CITY OF EL MIRAGE
CITY OF PEORIA
CITY OF GLENDALE

MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION

ISSUED FOR PUBLIC BIDDING BY:

PROJECT MANAGER DATE

COUNTY BOARD OF SUPERVISORS

ANDREW W. KUNASEK - CHAIRMAN

DISTRICT 1	R. FULTON BROCK
DISTRICT 2	DON STAPLEY
DISTRICT 3	ANDREW W. KUNASEK
DISTRICT 4	JANICE K. BREWER
DISTRICT 5	MARY ROSE WILCOX

URS

8/26/2010 10:37:05 AM
P:\City_of_Glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T108fs01.dgn

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

ABBREVIATIONS*

AASHTO.....American Association of State Highway and Transportation Officials
AB.....Aggregate Base
AC.....Asphaltic Concrete
ACFC.....Asphalt Concrete Friction Course
ACI.....American Concrete Institute
ACP.....Asbestos Cement Pipe
ACSC.....Asphalt Concrete Surface Course
ADOT.....Arizona Department of Transportation
Ahd.....Ahead
AISC.....American Institute of Steel Construction
APS.....Arizona Public Service Company
Asph.....Asphalt
ASTM.....American Society for Testing Materials
AWS.....American Welding Society

B/C.....Back of Curb
BC.....Brass Cap
BCR.....Begin Curb Return
BCT.....Breakaway Cable Terminal
Bdy.....Boundary
Bev.....Bevelled)
BFS.....Begin Full Super
Blt.....Bituminous
Bk.....Back
Bkfl.....Backfill
BLM.....Bureau of Land Management
BM.....Bench Mark
Br.....Bridge

C&G.....Curb and Gutter
CAP.....Corrugated Aluminum Pipe
CAPA.....Corrugated Aluminum Pipe Arch
CB.....Catch Basin
CBC.....Concrete Box Culvert
CF.....Cubic Feet
CG.....Cattle Guard
CIP.....Cast Iron Pipe
CIPP.....Cast-In-Place Pipe
Cl.....Clear(ance)
CLD.....Concrete Lined Ditch
CMP.....Corrugated Metal Pipe
CO.....Clean Out
Conc.....Concrete
Conn.....Connection
Cont.....Continuous
Cor.....Corner
Corr.....Correction (VPI to VC)
Cr.....Crown

CSP.....Corrugated Steel Pipe
CSPA.....Corrugated Steel Pipe Arch
CTB.....Concrete Treated Base
CY.....Cubic Yards

D.....Degree of Curve
DA.....Drainage Area
DE.....Drainage Easement
Def.....Deflection
Det.....Detail
DIP.....Ductile Iron Pipe
Drn.....Drain(age)
D/W.....Driveway
Dwg.....Drawing

E.....Electricity)
e.....External
ECR.....End Curb Return
EFS.....End Full Super
El.....Elevation
Emb.....Embankment
EP.....Edge of Pavement
Esmt.....Easement
Exc.....Excavation
Exist.....Existing)
Exp Jt.....Expansion Joint

F/C.....Face of Curb
FCDMC.....Flood Control District of Maricopa County
FF.....Finished Floor (Elevation)
FH.....Fire Hydrant
Fnd.....Found
Frwy.....Freeway

G.....Gutter (Flowline Elevation)
ga.....Gauge
GB.....Grade Break
GM.....Gas Meter
Gnd.....Ground
GP.....Guy Pole
Gr.....Grade
GR.....Guardrail
GV.....Gas Valve

HDPE.....High Density Polyethyline
Hdwl.....Headwall
HH.....Hand Hole
HW.....High Water

ID.....Inside Diameter
Inv.....Invert
Irr.....Irrigation

L.....Length of Curve

LC.....Long Chord
LF.....Lineal Feet
LS.....Lump Sum
Lt.....Left

MAG.....Maricopa Association of Governments
MGal.....1000 Gallons
Matl.....Material
MCDOT.....Maricopa County Department of Transportation
MH.....Manhole
Min.....Minimum
Mod.....Modify
Mon.....Monument

NC.....Normal Crown
NPI.....Non-pay Item
NPDES.....National Pollutant Discharge Elimination System
NTS.....Not to Scale

OC.....On Center
OD.....Outside Diameter

P.....Pavement (Surface Elevation)
Ped.....Pedestal
PC.....Point of Curvature
PCC.....Point of Compound Curvature
PCCP.....Portland Cement Concrete Pavement
PI.....Point of Intersection
POC.....Point on Curve
POT.....Point on Tangent
PP.....Power Pole
PRC.....Point of Reverse Curvature
Prel.....Preliminary
Proj.....Project
Prop.....Proposed
PRVC.....Point of Reverse Vertical Curvature
PT.....Point of Tangency
PVC.....Point of Vertical Curvature
PVC.....Poly Vinyl Chloride
PVI.....Point of Vertical Intersection
Pvmt.....Pavement
PVT.....Point of Vertical Tangency

Q.....Quantity of Drainage Runoff
Qtr.....Quarter

R.....Radius
R.....Range
RCP.....Reinforced Concrete Pipe
Rdwy.....Roadway
Rebar.....Reinforcing Bar
Reinf.....Reinforced(ing)

Reloc.....Relocate
Rem.....Remove
Ret.....Retaining)
RGRCP.....Rubber Gasket Reinforced Concrete Pipe
RR.....Railroad
Rt.....Right
R/W.....Right of Way

S.....Slope
Sch.....Schedule
SCS.....Soil Conservation Service
SD.....Storm Drain
SE.....Slope Easement
Sec.....Section
SF.....Square Feet
SG.....Subgrade
Shldr.....Shoulder
Shr.....Shrinkage
Sht.....Sheet
Sk.....Skew
SM.....Select Material
Specs.....Specifications (See Note 1)
SRP.....Salt River Project
SS.....Sanitary Sewer
Sta.....Station
Struc.....Structural
Subdiv.....Subdivision
Super.....Superelevation
Sw.....Swell
S/W.....Sidewalk
SWG.....Southwest Gas Corporation
SY.....Square Yards

T.....Tangent Length
T.....Township
TC.....Top of Curb
TCE.....Temporary Construction Easement
Trans.....Transition
Trrk.....Trash Rack
TS.....Traffic Signal Pole
Typ.....Typical

USW.....US West Communications

VC.....Vertical Curve
VCP.....Vitrified Clay Pipe
VG.....Valley Gutter

w/.....with
w/o.....without
WM.....Water Meter
WV.....Water Valve
WWF.....Welded Wire Fabric

* Standard dictionary abbreviations not included.

SYMBOLS*

Exist Rdwy Conc Items
Exist Edge of Pvmt
Exist R/W Line
Property Line
Railroad Tracks
Top of Cut
Toe of Slope
Trans Cut to Fill
Exist Barb Wire Fence
Exist Chain Link & Gate
Exist Block Wall & Gate
Exist Wood Fence
Exist Guardrail
Exist Water Line — 6"W (TYPE)
Exist Sanitary Sewer Line — 8"SS (TYPE)
Exist Buried Electric Line — E
Exist Electric Duct Bank — E-9D
Exist Gas Line — 2"G HP (TYPE)
Exist Irrigation Line — 24"IRR (TYPE)
Exist Storm Drain Line — 24"SD (TYPE)
Exist Buried Cable TV Line — TV
Exist Buried Telephone Line — T
Exist Fiber Optic Tel Line — T-FO
New Pipe
Minor Wash

Angle Point
Bench Mark
Feet per Foot
Center Line
Flow Line
Monument Line
Property Line or Plate
Section Line
Exist Manhole
Exist US Mail Box
Exist Util Valve
Exist Util Meter
Exist Gas Regulator
Exist Power or Joint Use Pole
Exist Steel Power Pole
Exist Guy Wire
Exist Street Light
Exist Util Ped
Exist Stand Pipe — SP
Exist Fire Hydrant — FH
Exist Street Sign
Exist Traf Cont Cab
Exist Traf Pull Box
Exist Traf Signal Pole
Exist Slope Direction

Tree or Hedge Line
Palm Tree
Deciduous Tree
Arid Tree
Conifer Tree
Saguaro Cactus
Misc Cactus
Cholla Cactus
Prickly Pear Cactus
Barrel Cactus
Exist Sign (1 Post)
Exist Sign (2 Posts)
Ground Surface
New Blt Pvmt (Section)
New Select Material (Section)
New ABC (Section)
Riprap (Plan)
New Blt Pvmt (Plan)
New Conc Pvmt (Plan)
Remove Pvmt (Plan)
New Conc (Section)
New Metal (Section)
New Curb & Gutter

* Symbols labeled on plans not included. Traffic Signal and Striping Symbols are on Shts __ and __ of the plans.

GENERAL NOTES

1. The work shown on the Plans for this project shall be performed in accordance with the Maricopa Association of Governments (M.A.G.) Uniform Standard Specifications for Public Works Construction 2007, and all revisions thereto, the Maricopa County Department of Transportation Supplement to M.A.G. Uniform Standard Specifications for Public Works Construction, 2007, and the Special Provisions attached hereto.
2. Standard Details refer to the MAG Uniform Standard Details for Public Works Construction unless noted otherwise.
3. All existing utility lines shown on the plans are from available utility records. The Contractor shall verify the actual location before starting construction. The Contractor shall contact "Blue Stake", (602) 263-1100, prior to beginning construction.
4. Utilities interfering with construction shall be reset or relocated by the utility company concerned unless noted otherwise.
5. Disposal of all waste material, broken concrete, etc. will be the responsibility of the contractor, subject to the approval of the Engineer.
6. All stations and callout distances left and right refer to the new construction centerline unless noted otherwise.
7. All trees, bushes and fences inside the existing right-of-way shall be removed by the contractor.
8. All paved turnouts shall have the same asphalt and base requirements as the adjacent roadway.
9. The Contractor shall obtain all the necessary permits from local governments for work within their jurisdiction.
10. The Contractor shall verify all bench mark elevations before using them for construction. BM's in utility poles are particulary susceptible to damage.
11. All mail boxes interfering with construction shall be relocated by the Contractor as to provide uninterrupted mail service. This is a non-pay item.

DESIGN DATA

WEST SEGMENT
SARIVAL TO 115TH AVE

CLASSIFICATION.....AASHTO URBAN PRINCIPAL ARTERIAL -FULL ACCESS CONTROL
TERRAIN.....LEVEL
DESIGN SPEED.....60 MPH

EAST SEGMENT
115TH TO 103RD AND 91ST TO 71ST

CLASSIFICATION..... MCDOT URBAN PRINCIPAL ARTERIAL
TERRAIN.....LEVEL
DESIGN SPEED.....55 MPH

BYPASS SEGMENT
103RD TO 91ST

CLASSIFICATION.....AASHTO URBAN PRINCIPAL ARTERIAL - FULL ACCESS CONTROL
TERRAIN.....LEVEL
DESIGN SPEED.....55 MPH

FLYOVER SEGMENT
71ST TO GRAND AVE (US 60)

CLASSIFICATION.....ADOT RAMP
TERRAIN.....LEVEL
DESIGN SPEED.....50 MPH

INDEX

G1 .....FACE SHEET
G2 .....GENERAL NOTES SHEET
G3 -G12 .....TYPICAL SECTIONS SHEETS
G13 - G37 .....GEOMETRIC LAYOUT SHEETS
G38 .....CURVE DATA TABLE
P1 - P132 ....PAVING PLAN AND PROFILE SHEETS
P133 - P158 ...CROSSROAD PLAN & PROFILE SHEETS
P160 - P171 ...CONNECTOR PLAN & PROFILE SHEETS
D2 - D67 .....DRAINAGE PLAN SHEETS
D68 - D90 .....CROSS DRAINAGE PLANS
I1 - I25 .....IRRIGATION PLAN SHEETS
S1 - S33 .....STRUCTURE SHEETS
T1 - T85 .....STRIPING SHEETS

BENCHMARK

City of Glendale Datum
(NGVD 29 Datum)
See Sheets G13 to G17

NO.	REVISION	BY	DATE
3	.	.	.
2	.	.	.
1	.	.	.

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

	BY	DATE
DESIGNED	R HOOKEY	01/08
DRAWN	P BACA	01/08
CHECKED	R MILES	01/08

URS

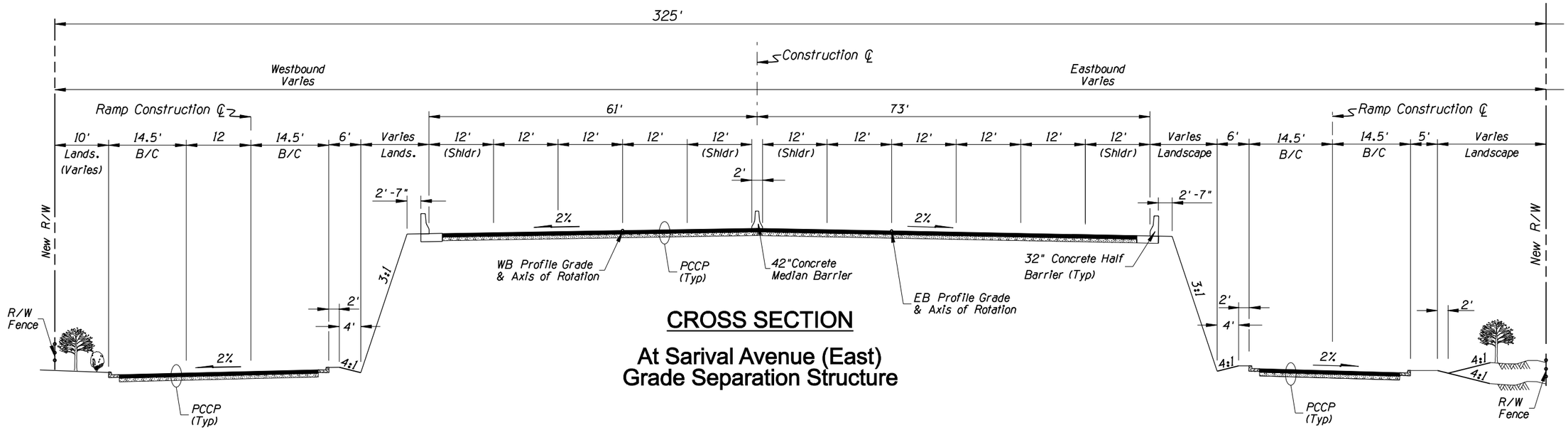
GENERAL NOTE SHEET — SHEET G2

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

TRACS NO. 0000 MA MMA SS593 0/C

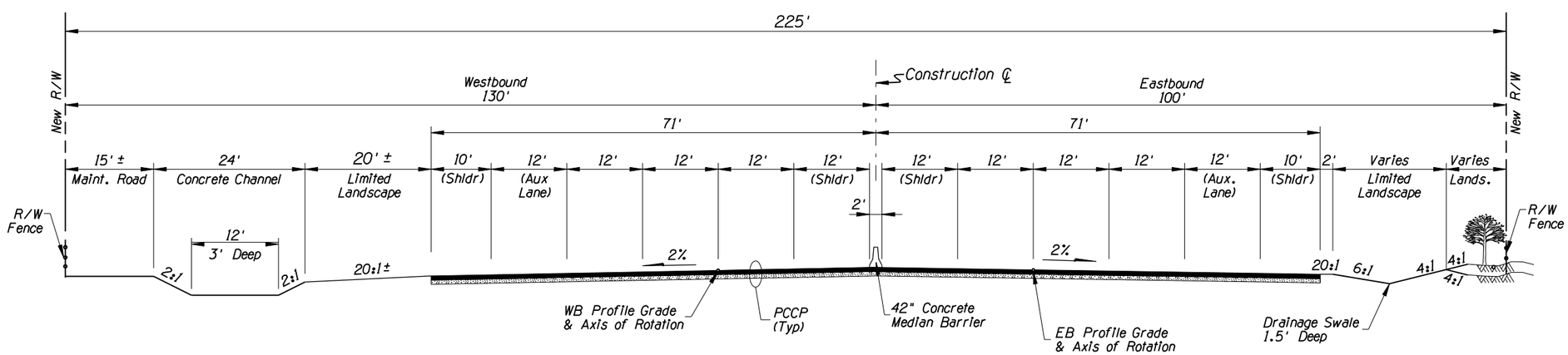
1/25/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\GENERALNOTESN.dgn

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



CROSS SECTION

At Sarival Avenue (East) Grade Separation Structure



CROSS SECTION

Between Sarival Avenue and Reems Road

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

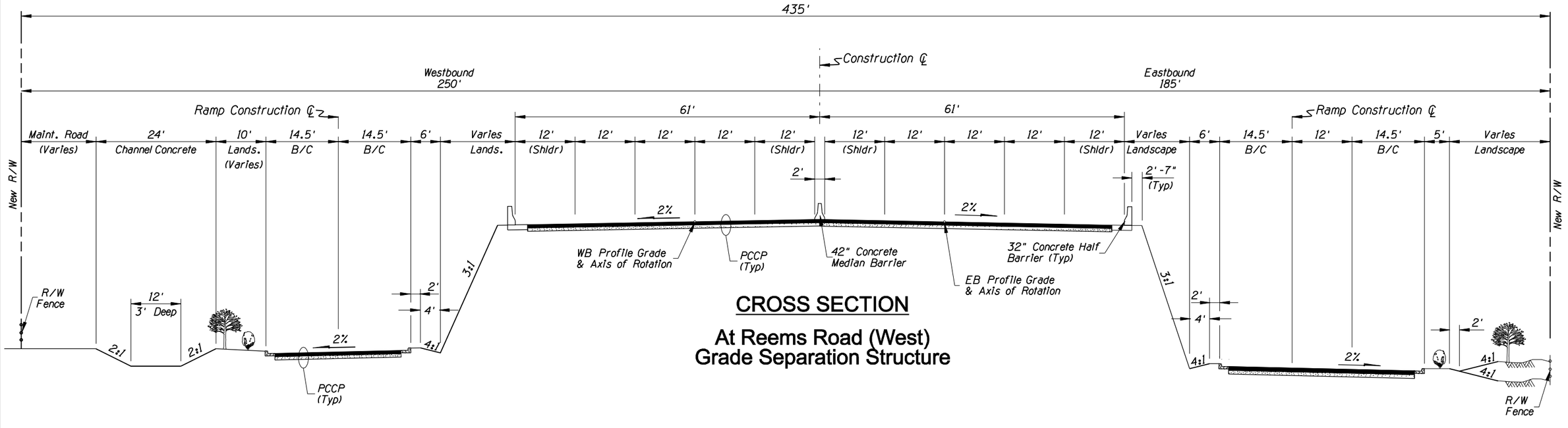
TYPICAL SECTIONS

SHEET G3

TRACS NO. 0000 MA MMA SS593 01C

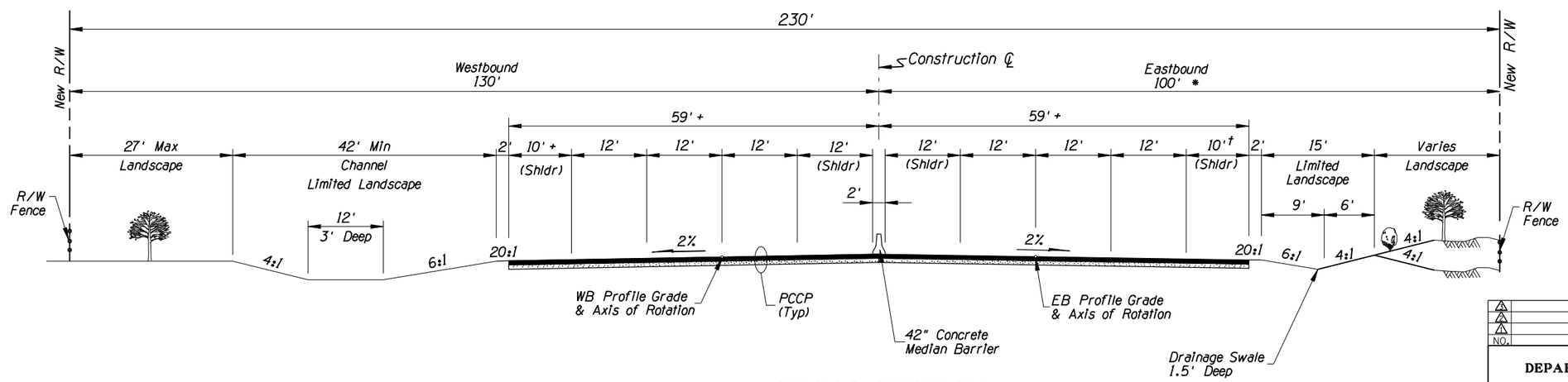
5/29/2009 10:14:18 AM
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative NTT108ts01.dgn

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



CROSS SECTION

At Reems Road (West) Grade Separation Structure



CROSS SECTION

Between Reems Road and Litchfield Road

* 130' Between Reems Road & Bullard Avenue

† 12' Adjustment to Concrete Barriers

NO.	REVISION	BY	DATE
1			
2			
3			
4			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

TYPICAL SECTIONS

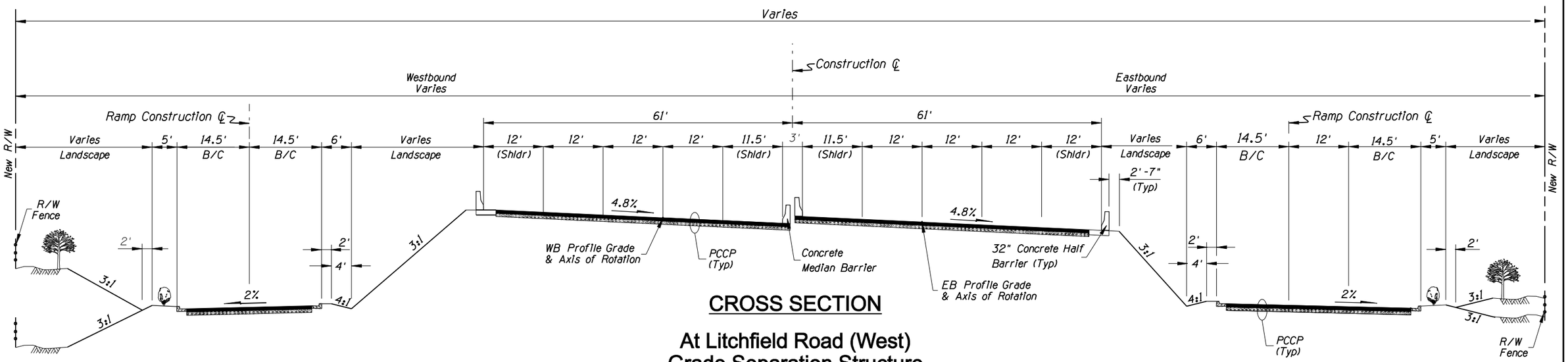
SHEET
G4

TRACS NO. 0000 MA MMA SS593 01C

English

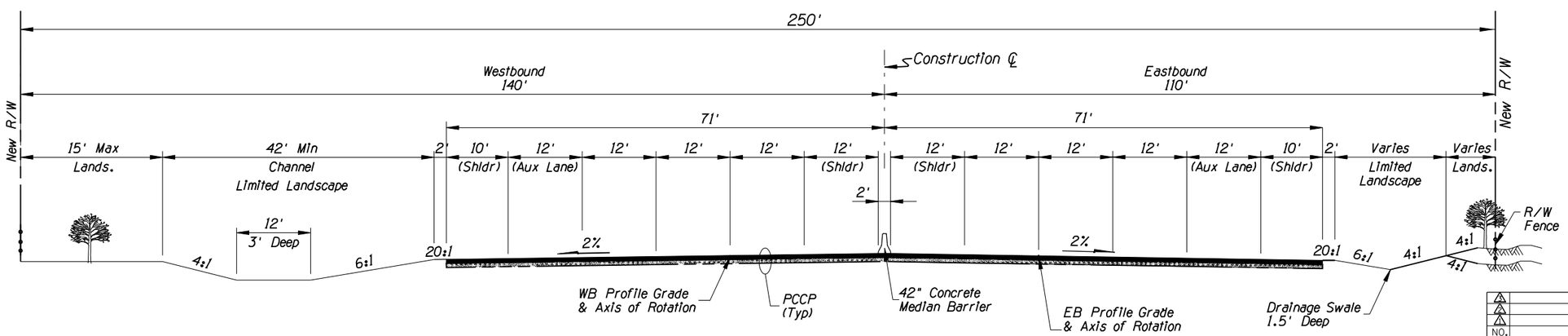
1/25/2008 4:44:12 PM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T1108ts02.dgn

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



CROSS SECTION

At Litchfield Road (West)
Grade Separation Structure



CROSS SECTION

Between Litchfield Road and Dysart Road

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

TYPICAL SECTIONS

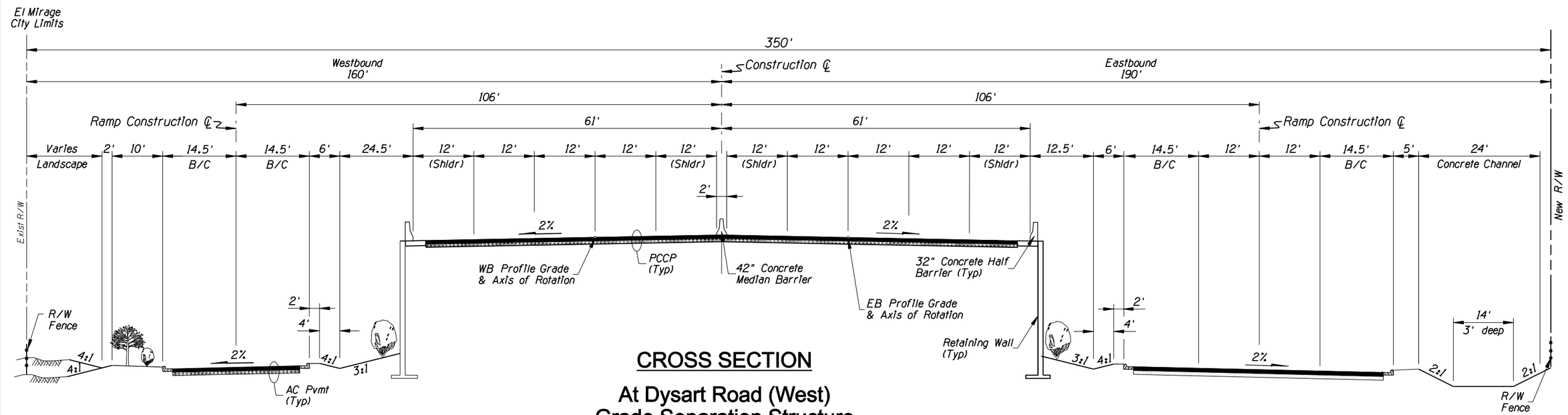
SHEET
G5

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 4:44:44 PM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108ts03.dgn

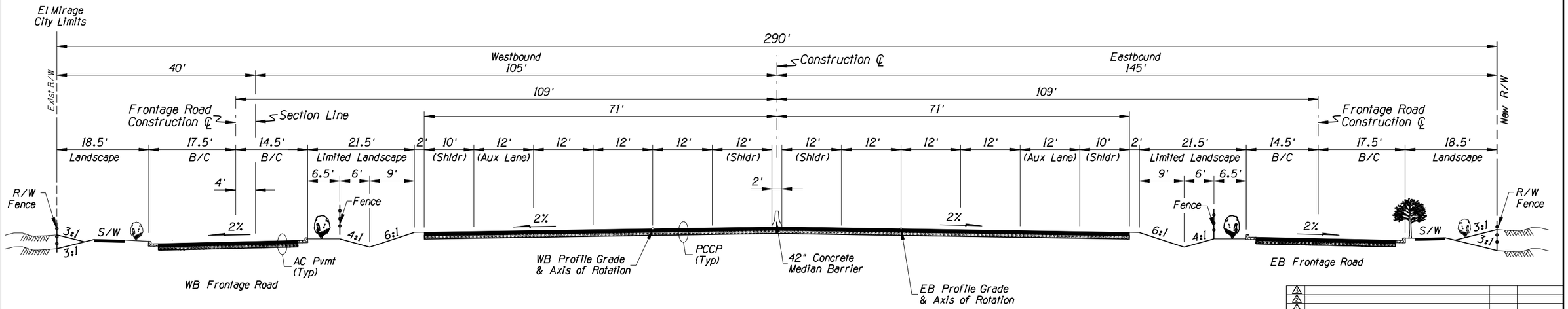
English

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



CROSS SECTION

At Dysart Road (West) Grade Separation Structure



CROSS SECTION

Between Dysart Road and El Mirage Road

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

TYPICAL SECTIONS

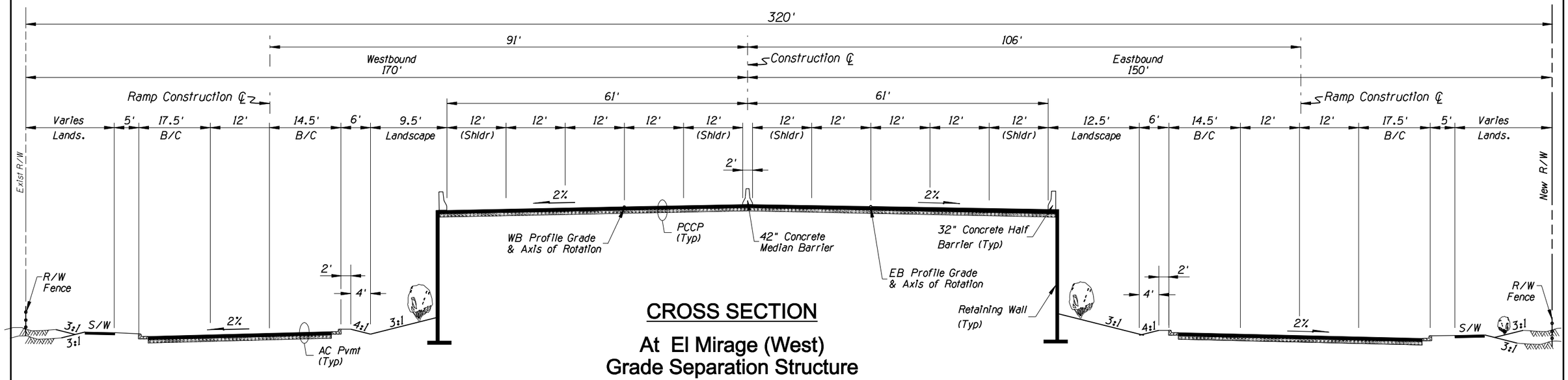
SHEET G6

TRACS NO. 0000 MA MMA SS593 01C

English

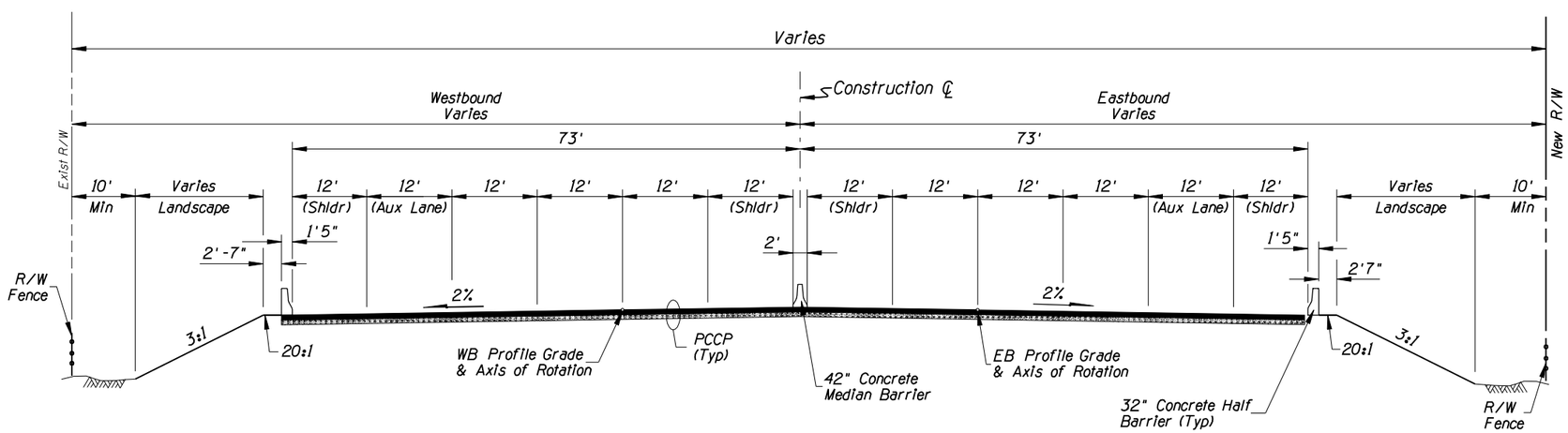
5/27/2009 4:41:15 PM
p:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative NTT108lsc04.dgn

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



CROSS SECTION

At El Mirage (West)
Grade Separation Structure



CROSS SECTION

Between El Mirage Road and 112th Avenue
(Aqua Fria Segment)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

TYPICAL SECTIONS

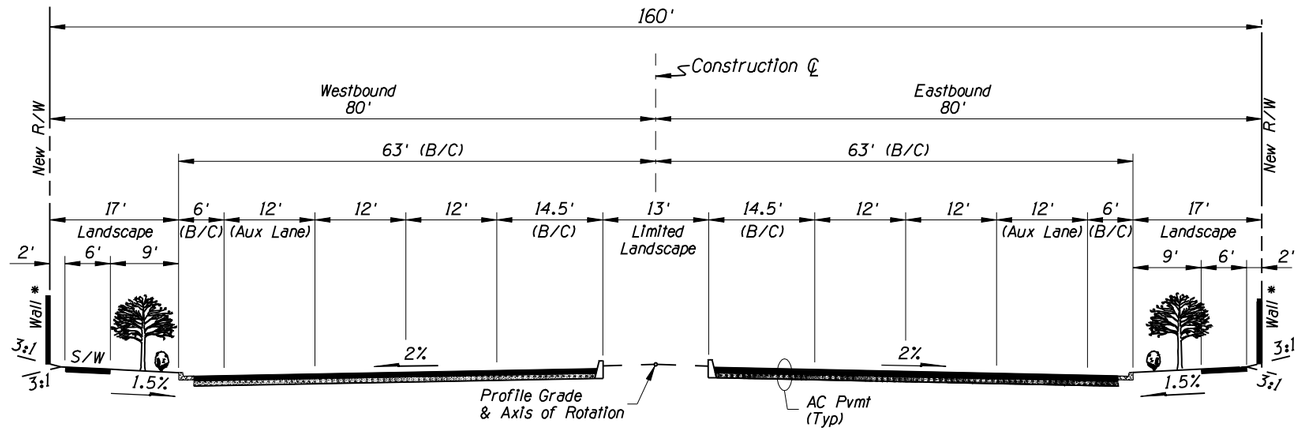
SHEET
G7

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 4:15:41 PM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\UltimateT110BlsS05.dgn

English

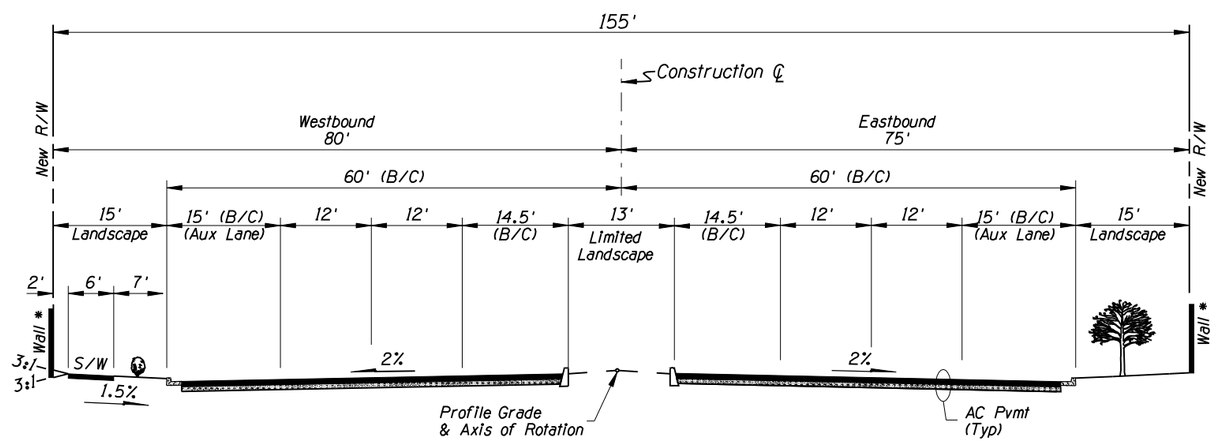
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX



* Existing or Future Wall by Others

CROSS SECTION

Between 112th Avenue and 107th Avenue



* Existing or Future Wall by Others

CROSS SECTION

Between 107th Avenue and 103rd Avenue

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

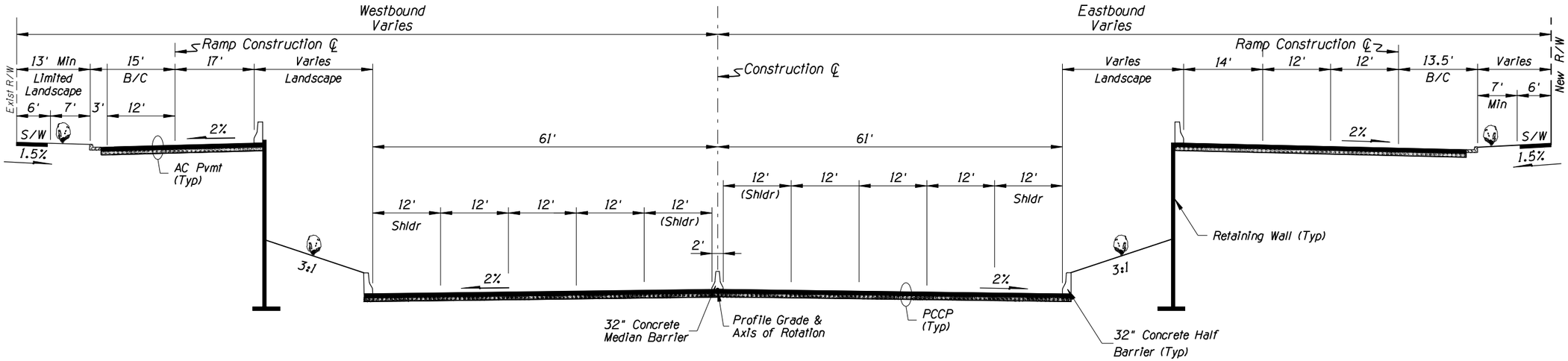
TYPICAL SECTIONS

SHEET G8

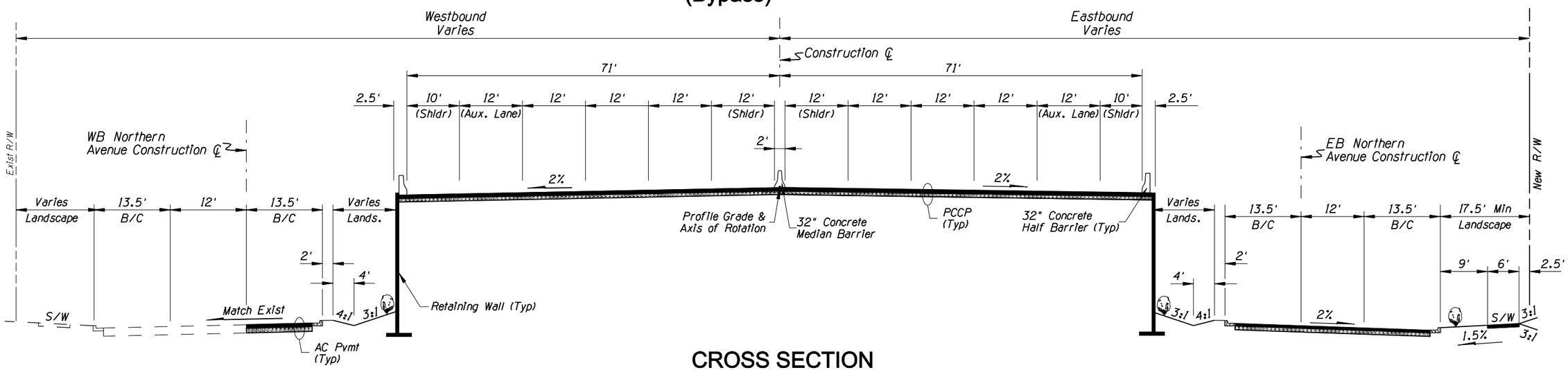
TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 4:16:12 PM
p:\city_of_glendale\NorthernDCR-30\CADD\Plan_Sheets\Ultimate\T108ts06.dgn

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



CROSS SECTION
at 103rd Avenue (West)
Grade Separation Structure
(Bypass)



CROSS SECTION
Between 103rd Avenue and 93rd Avenue
(Bypass)

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

TYPICAL SECTIONS

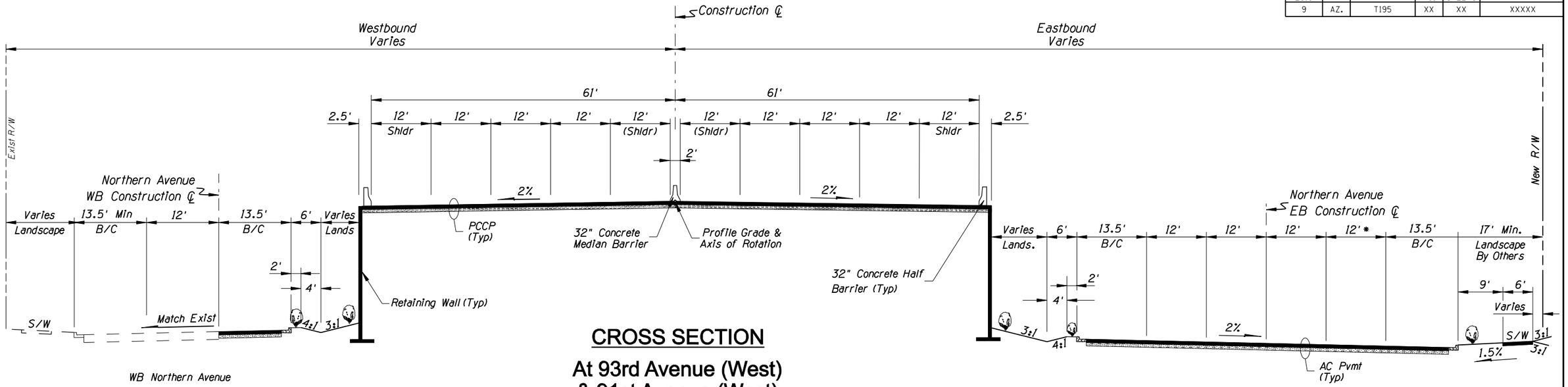
SHEET G9

TRACS NO. 0000 MA MMA SS593 01C

English

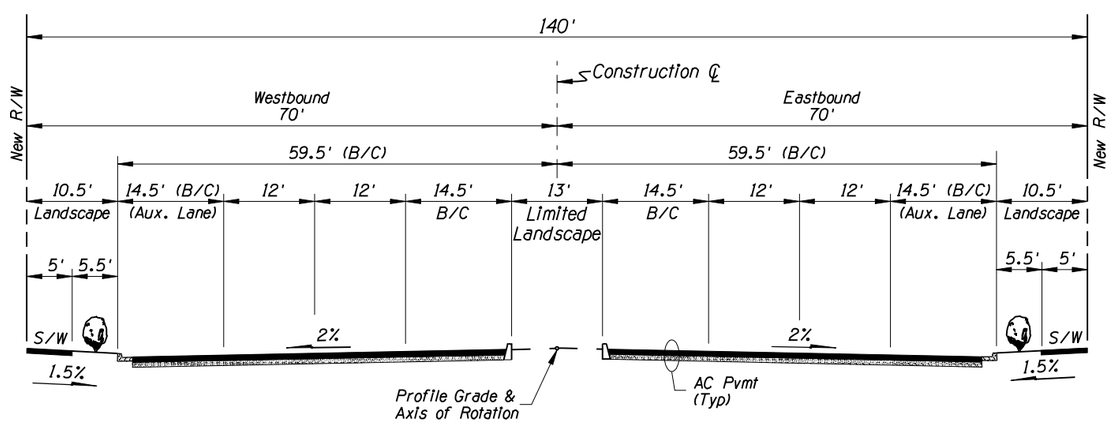
1/25/2008 4:16:39 PM
p:\city_of_glendale\Northern\DCR\30\CADD\Plan_Sheets\Ultimate\TT108tsOT.dgn

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



CROSS SECTION

At 93rd Avenue (West) & 91st Avenue (West) Grade Separation Structure (Bypass)



CROSS SECTION

Between 89th Avenue and 87th Avenue

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

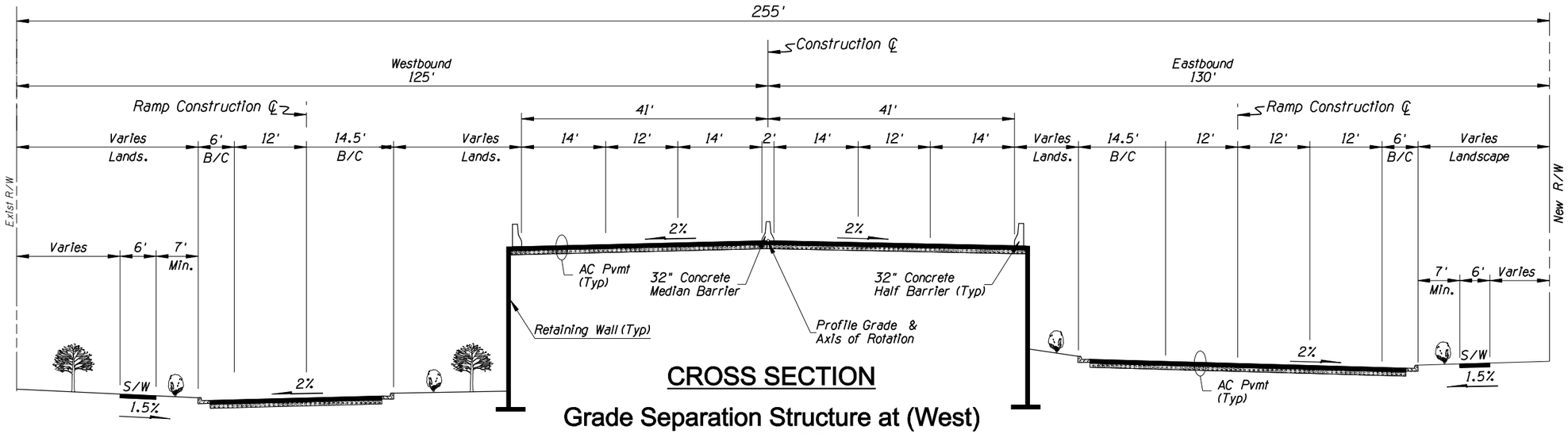
TYPICAL SECTIONS

SHEET
G10

TRACS NO. 0000 MA MMA SS593 01C

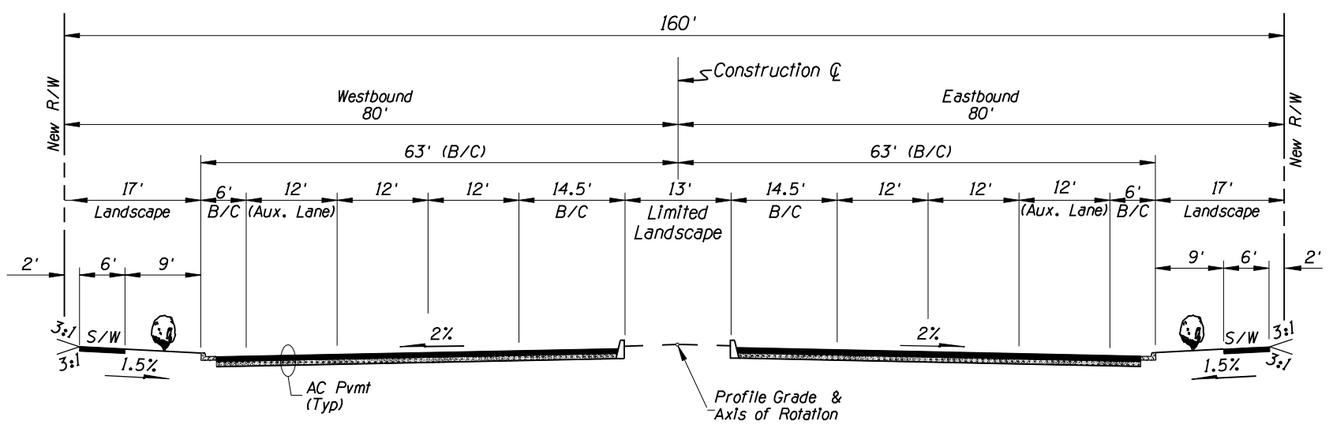
1/25/2008 4:17:00 PM
p:\city_of_glendale\NorthernDCR-30\CADD\Plan_Sheets\Ultimate\T1108ts08.dgn

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



CROSS SECTION

Grade Separation Structure at (West) 83rd Avenue and 75th Avenue



CROSS SECTION

Between Grade Separation Structures From 87th Avenue to 71st Avenue

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

TYPICAL SECTIONS

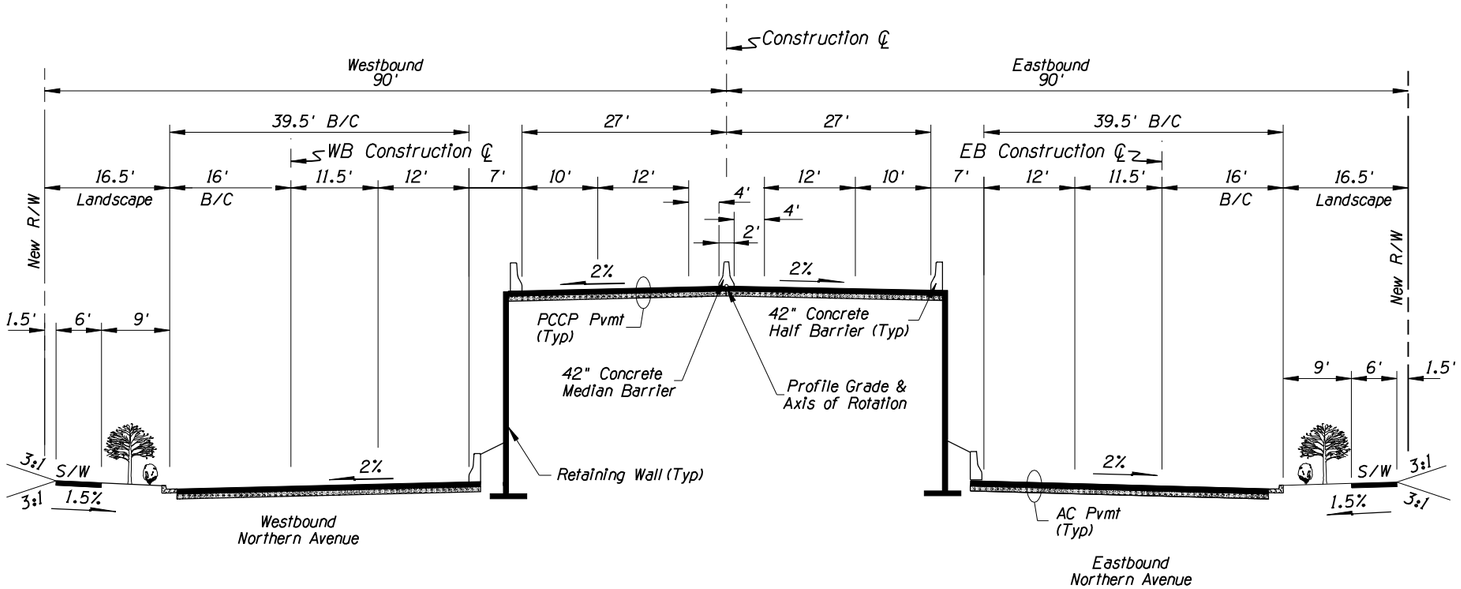
SHEET
G11

TRACS NO. 0000 MA MMA SS593 01C

English

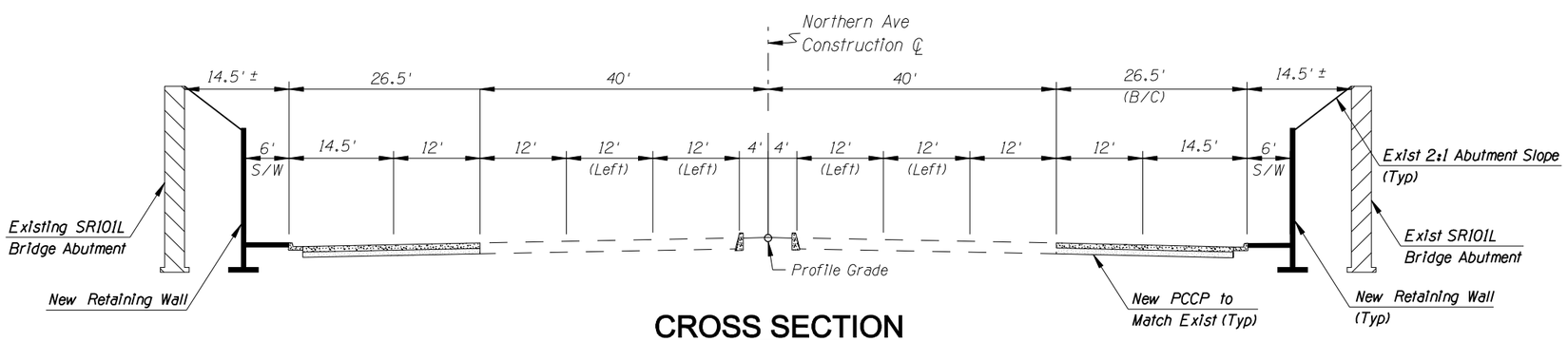
1/25/2008 4:17:26 PM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108ts09.dgn

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



CROSS SECTION

71st Avenue to 69th Avenue
(Grand Flyover)



CROSS SECTION

Northern Avenue at SR101L

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

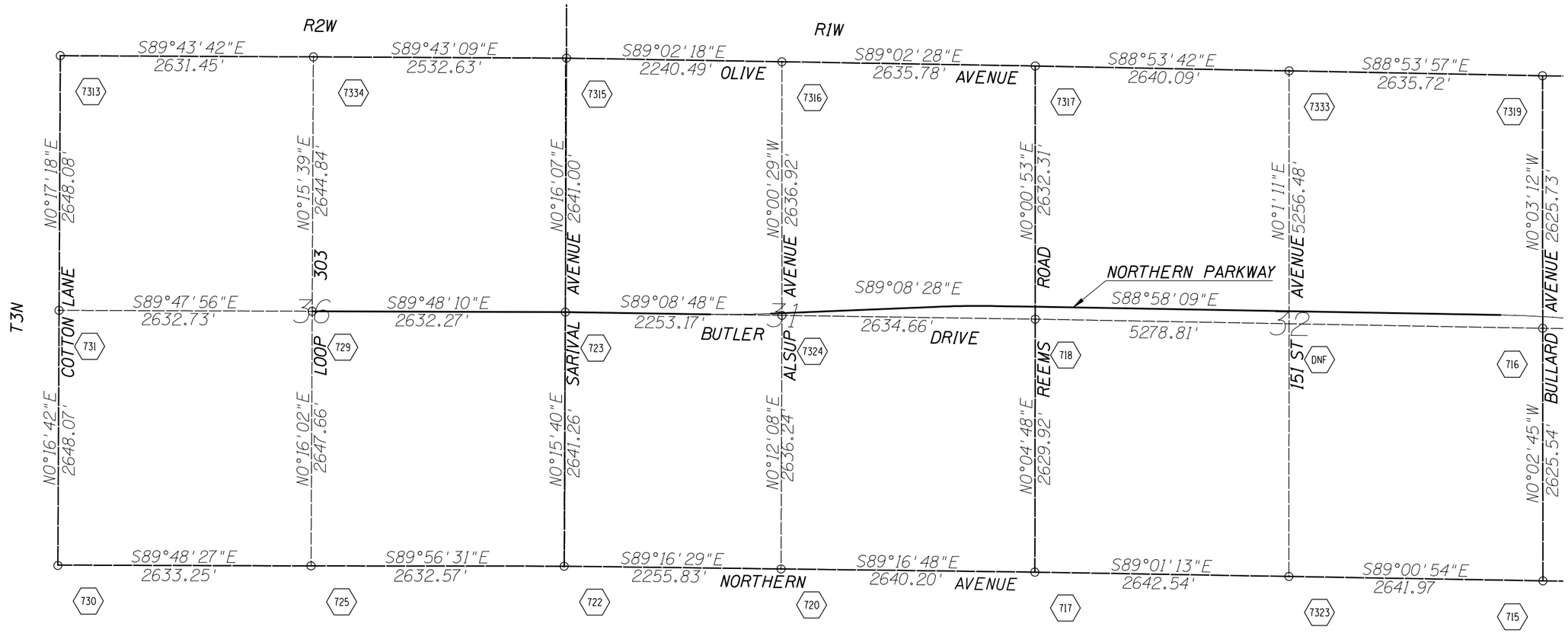
TYPICAL SECTIONS

SHEET
G12

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 4:8:16 PM
p:\city_of_glendale\NorthernDCR-30\CADD\Plan_Sheets\Ultimate\T108tsi0.dgn

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



POINT #	NORTHING	EASTING	ELEV	DESCRIPTION	LOCATION
715	928620.181	560091.779	1093.83	BC IN HH SE COR SEC 32	NORTHERN AVE / BULLARD AVE
716	931245.716	560089.678	1101.78	REBAR POTHOLE E 1/4 COR SEC 32	BUTLER DR / BULLARD AVE
717	928710.775	554808.044	1102.11	BC IN HH SE COR SEC 31	NORTHERN AVE / REEMS RD
718	931340.690	554811.722	1111.21	BC IN HH W 1/4 COR SEC 32	BUTLER DR / REEMS RD
720	928743.954	552168.053	1113.56	IP IN POTHOLE S 1/4 COR SEC 31	NORTHERN AVE / ALSUP AVE
722	928772.507	549912.402	1124.53	REBAR POTHOLE SE COR SEC 36	NORTHERN AVE / SARIVAL AVE
723	931413.737	549924.441	1134.68	REBAR HH W 1/4 COR SEC 31	BUTLER AVE / SARIVAL AVE
725	928775.170	547279.831	1136.08	AL CAP FLUSH S 1/4 COR SEC 36	NORTHERN AVE / LOOP 303
729	931422.803	547292.182	1151.60	IP IN POTHOLE CENTER SEC 36	BUTLER DR / LOOP 303
730	928784.012	544646.601	1149.46	BC IN HH SW COR SEC 36	NORTHERN AVE / COTTON LANE
731	931432.047	544659.468	1163.17	BC FLUSH W 1/4 COR SEC 36	BUTLER DR / COTTON LANE
7313	934080.089	544672.797	1182.19	BC IN HH NW COR SEC 36	OLIVE AVE / COTTON LANE
7315	934054.710	549936.817	1148.14	BC POTHOLE NW COR SEC 31	OLIVE AVE / SARIVAL AVE
7316	934017.104	552176.990	1134.33	AL CAP FLUSH N 1/4 COR SEC 31	OLIVE AVE / ALSUP AVE
7317	933972.996	554812.401	1123.78	BC IN HH NW COR SEC 32	OLIVE AVE / REEMS RD
7319	933871.444	560087.232	1110.87	BC POTHOLE NE COR SEC 32	OLIVE AVE / BULLARD AVE
7323	928665.594	557450.202	1109.43	BC IN HH S 1/4 COR SEC 32	NORTHERN AVE / 151 ST AVE
7324	931380.180	552177.362	1126.27	REBAR FLUSH CENTER SEC 31	BUTLER DR / ALSUP AVE
7333	933922.077	557452.001		MON AC IN POTHOLE N 1/4 COR SEC 32	OLIVE AVE / 151 ST AVE
7334	934067.612	547304.221		BC IN HH N 1/4 COR SEC 36	OLIVE AVE / LOOP 303

HORIZONTAL CONTROL

The Maricopa County Department of Transportation Geodetic Densification and Cadastral Survey (GDACS) Control Network was utilized for Horizontal control for this survey. All bearings shown are NAD83 Grid bearings. All distances shown are ground distances. A grid Adjustment Factor of 1.00016 and scale origin values of N. 0.000, E. 0.000 were used for the conversion from Grid to Ground values.

VERTICAL CONTROL

The City of Glendale Vertical Datum (NGVD 1929) was utilized for Vertical control for this survey.

LEGEND:

- ⬡ CONTROL POINT NO.
- ○ CONTROL POINT
- DNF DID NOT FIND

N

NOTES

1. The Basis of Bearings for the Survey is the North American Datum of 1983, Arizona Central Zone.
2. The Data Shown Reflects the Results of Survey Performed by URS Corporation in 2005.

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	A GONZALEZ	1/08
CHECKED	R MILES	1/08

URS

HORIZONTAL & VERTICAL CONTROL

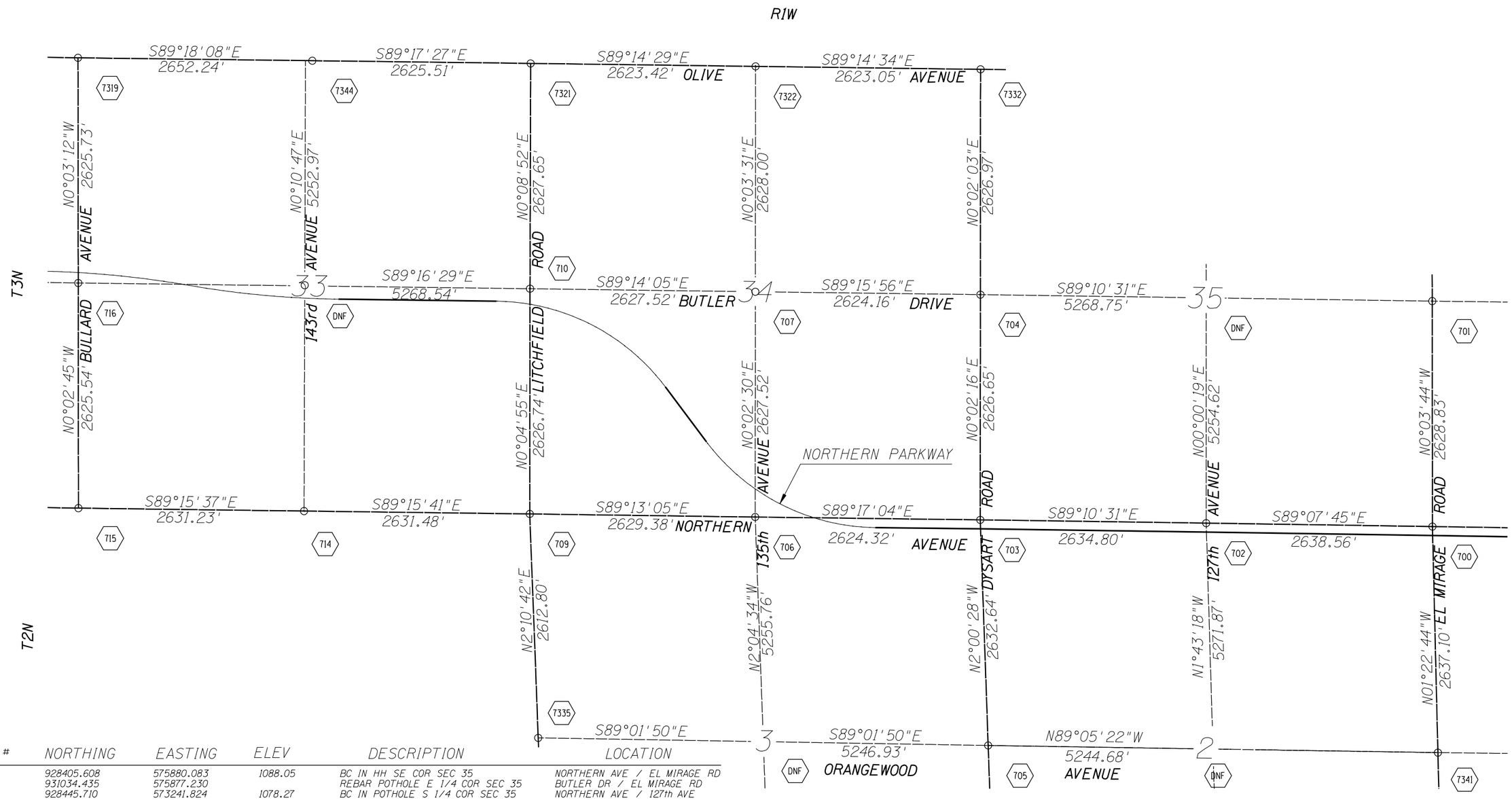
SHEET G13

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 10:32:51 AM
p:\City_of_glendale\NorthernDCR30\CADD\Plan_Sheets\UltimateTT108geom01.dgn

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



POINT #	NORTHING	EASTING	ELEV	DESCRIPTION	LOCATION
700	928405.608	575880.083	1088.05	BC IN HH SE COR SEC 35	NORTHERN AVE / EL MIRAGE RD
701	931034.435	575877.230		REBAR POTHOLE E 1/4 COR SEC 35	BUTLER DR / EL MIRAGE RD
702	928445.710	573241.824	1078.27	BC IN POTHOLE S 1/4 COR SEC 35	NORTHERN AVE / 127th AVE
703	928483.629	570607.294	1078.51	BC IN HH NW COR SEC 2	NORTHERN AVE / DYSART RD
704	931110.281	570609.028	1082.01	BC IN HH W 1/4 COR SEC 35	BUTLER DR / DYSART RD
705	925852.609	570699.530	1082.09	REBAR FLUSH W 1/4 COR SEC 2	ORANGEWOOD AVE / DYSART RD
706	928516.399	567983.174	1080.57	BC IN HH S 1/4 COR SEC 34	NORTHERN AVE / 135th AVE
707	931143.922	567985.089	1088.18	REBAR FLUSH C SEC 34	BUTLER DR / 135th AVE
709	928552.284	565354.043	1084.27	BC IN HH SE COR SEC 33	NORTHERN AVE / LITCHFIELD RD
710	931179.017	565357.799	1094.17	REBAR POTHOLE W 1/4 COR SEC 34	BUTLER DR / LITCHFIELD RD
714	928586.206	562722.786	1087.09	IP FLUSH S 1/4 COR SEC 33	NORTHERN AVE / 143rd AVE
715	928620.181	560091.779	1093.83	BC IN HH SE COR SEC 33	NORTHERN AVE / BULLARD AVE
716	931245.716	560089.678	1101.78	REBAR POTHOLE W 1/4 COR SEC 33	BUTLER AVE / BULLARD DR
7319	933871.444	560087.232		BC POTHOLE NW COR SEC 33	OLIVE AVE / BULLARD AVE
7321	933806.654	565364.582	1102.87	BC IN HH NW COR SEC 34	OLIVE AVE / LITCHFIELD RD
7322	933771.924	567987.773	1095.66	BC IN HH N 1/4 COR SEC 34	OLIVE AVE / 135th AVE
7332	933737.254	570610.591		BC IN HH NW COR SEC 35	OLIVE AVE / DYSART RD
7335	925941.375	565453.351	1077.95	BC FLUSH W 1/4 COR SEC 3	ORANGEWOOD AVE / LITCHFIELD RD
7341	925769.267	575943.548	1075.73	BC FLUSH E 1/4 COR SEC 2	ORANGEWOOD AVE / EL MIRAGE RD
7344	933839.148	562739.272		BC IN HH N1/4 COR SEC 33	OLIVE AVE / 143RD AVE

HORIZONTAL CONTROL

The Maricopa County Department of Transportation Geodetic Densification and Cadastral Survey (GDACS) Control Network was utilized for Horizontal control for this survey. All bearings shown are NAD83 Grid bearings. All distances shown are ground distances. A grid Adjustment Factor of 1.00016 and scale origin values of N. 0.000, E. 0.000 were used for the conversion from Grid to Ground values.

VERTICAL CONTROL

The City of Glendale Vertical Datum (NGVD 1929) was utilized for Vertical control for this survey.

LEGEND:

⬡ CONTROL POINT NO.

○ CONTROL POINT

DNF DID NOT FIND

N

NOTES

1. The Basis of Bearings for the Survey is the North American Datum of 1983, Arizona Central Zone.
2. The Data Shown Reflects the Results of Survey Performed by URS Corporation in 2005.

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	A GONZALEZ	1/08
CHECKED	R MILES	1/08

URS

HORIZONTAL & VERTICAL CONTROL

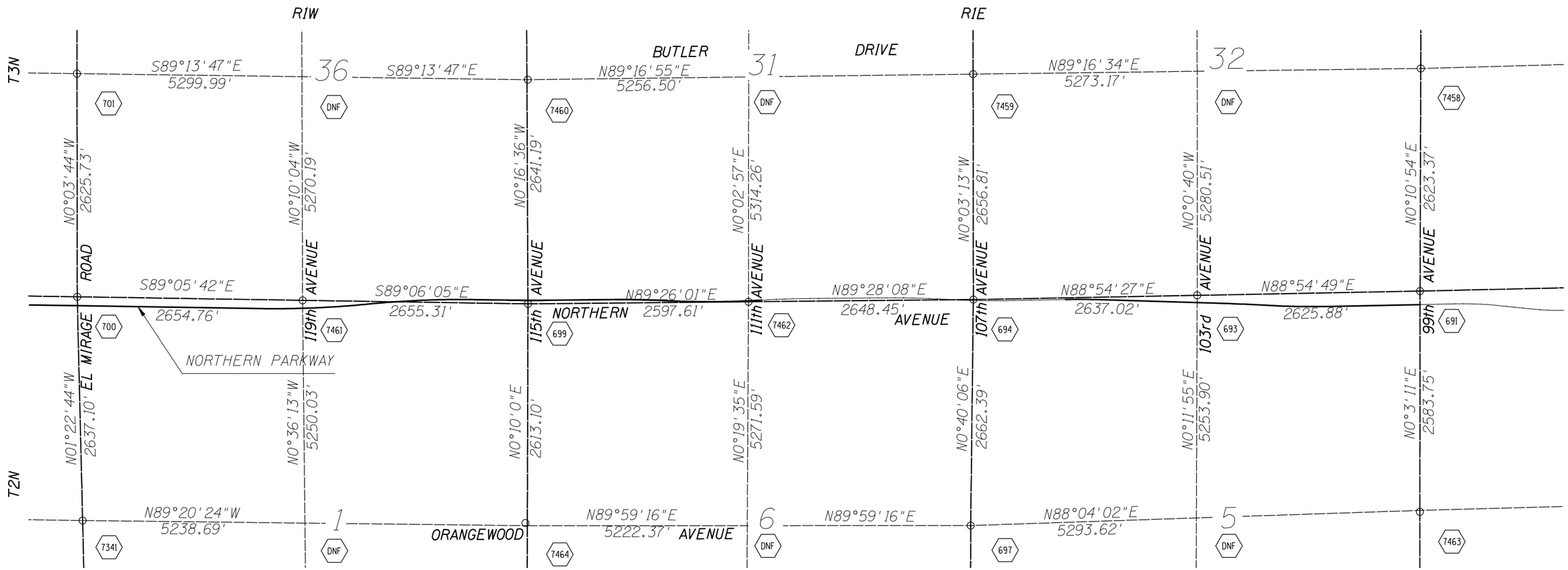
SHEET G14

TRACS NO. 0000 MA MMA SS593 OIC

1/25/2008 10:33:27 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Utilmdle\TT08geom02.dgn

English

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



POINT #	NORTHING	EASTING	ELEV	DESCRIPTION	LOCATION
691	928472.331	591697.261	1076.67	BC IN HH NE COR SEC 5	NORTHERN AVE / 99th AVE
693	928422.541	589071.857	1085.72	BC IN HH S 1/4 COR SEC 32	NORTHERN AVE / 103rd AVE
694	928372.257	586435.312	1091.86	BC IN HH NW COR SEC 5	NORTHERN AVE / 107th AVE
697	925710.051	586404.257	1086.26	BC FLUSH E 1/4 COR SEC 6	ORANGEWOOD AVE / 107th AVE
699	928322.025	581189.495	1064.55	BC IN HH NE COR SEC 6	NORTHERN AVE / 115th AVE
700	928405.608	575880.083	1077.05	BC IN HH W COR SEC 36	NORTHERN AVE / EL MIRAGE RD
701	931034.435	575877.230		REBAR POTHOLE W 1/4 COR SEC 36	BUTLER AVE / EL MIRAGE RD
7341	925769.267	575943.548	1075.73	BC IN HH W 1/4 COR SECT 1	ORANGEWOOD AVE / EL MIRAGE RD
7458	931095.688	591705.576		BC IN FLUSH NE COR SEC 32	BUTTER DR / 99th AVE
7459	931029.070	586432.826		BC IN HH E 1/4 COR SECT 31	BUTLER DR / 107th AVE
7460	930963.184	581176.745		BC IN HH E 1/4 COR SECT 36	BUTTER DR / 115th AVE
7461	928363.675	578534.508	1058.88	BC IN HH S 1/4 COR SECT 36	NORTHERN AVE / 119th AVE
7462	928347.707	583786.977	1080.44	BC IN HH S 1/4 COR SECT 31	NORTHERN AVE / 111th AVE
7463	925888.585	591694.869		AL CAP IN POTHOLE E 1/4 COR SECT 5	ORANGEWOOD / 99th AVE
7464	925708.932	581181.889		BC IN HH E 1/4 COR SECT 1	ORANGEWOOD AVE / 115th AVE

HORIZONTAL CONTROL

The Maricopa County Department of Transportation Geodetic Densification and Cadastral Survey (GDACS) Control Network was utilized for Horizontal control for this survey. All bearings shown are NAD83 Grid bearings. All distances shown are ground distances. A grid Adjustment Factor of 1.00016 and scale origin values of N. 0.000, E. 0.000 were used for the conversion from Grid to Ground values.

VERTICAL CONTROL

The City of Glendale Vertical Datum (NGVD 1929) was utilized for Vertical control for this survey.

LEGEND:

- CONTROL POINT NO.
- CONTROL POINT
- DNF DID NOT FIND

N

NOTES

1. The Basis of Bearings for the Survey is the North American Datum of 1983, Arizona Central Zone.
2. The Data Shown Reflects the Results of Survey Performed by URS Corporation in 2005.

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	P T BACA	1/08
DRAWN	A GONZALEZ	1/08
CHECKED	R MILES	1/08

URS

HORIZONTAL & VERTICAL CONTROL

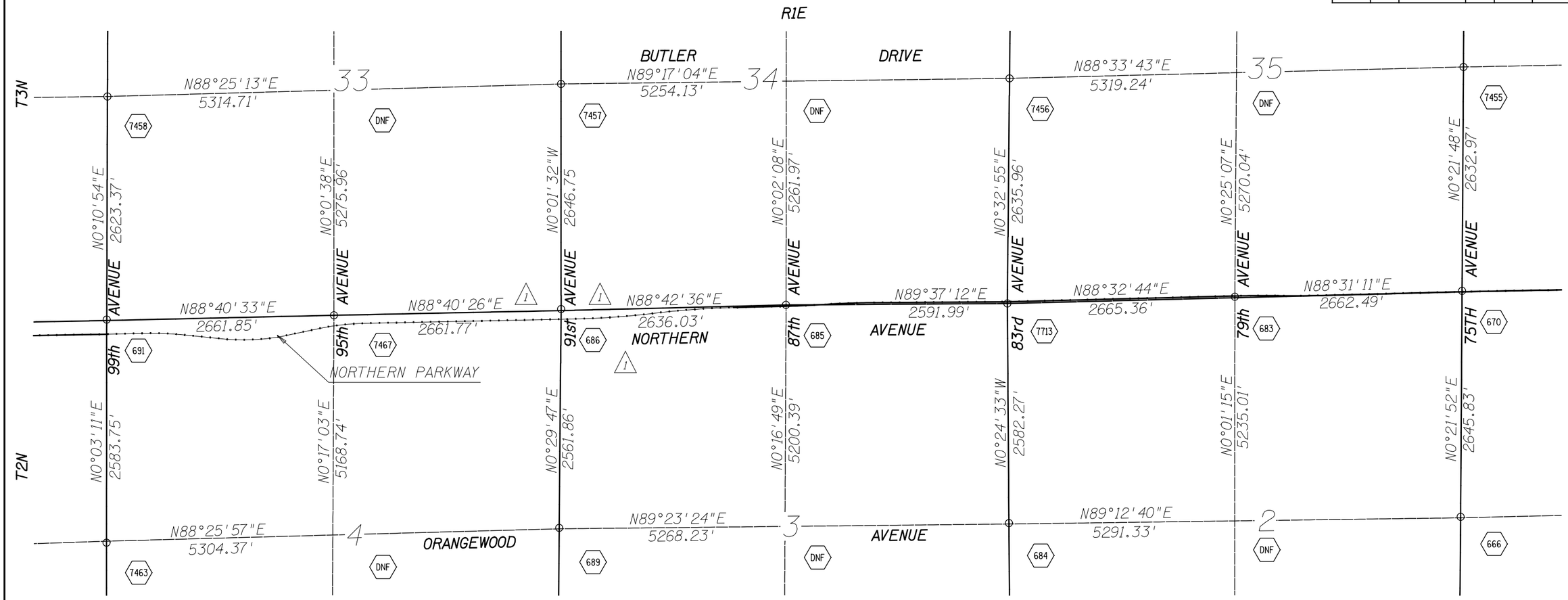
SHEET G15

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 10:34:00 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108geom03.dgn

English

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



POINT #	NORTHING	EASTING	ELEV	DESCRIPTION	LOCATION
666	926162.635	607556.021		BC IN HH E 1/4 COR SEC 2	ORANGEWOOD AVE / 75 TH AVE
670	928808.407	607572.851	1126.67	BC IN HH SE COR SEC 35	NORTHERN AVE / 75 TH AVE
683	928739.623	604911.251	1112.32	BC IN HH N 1/4 COR SEC 2	NORTHERN AVE / 79 TH AVE
684	926089.772	602265.189		BC IN HH W 1/4 COR SEC 2	ORANGEWOOD AVE / 83 RD AVE
685	928654.786	599654.819	1096.72	BC IN HH N 1/4 COR SEC 3	NORTHERN AVE / 87 TH AVE
686	△1 928595.445	597019.453	1095.26	BC IN HH NE COR SEC 4	NORTHERN AVE / 91 ST AVE
689	926033.686	596997.254	1085.84	BC IN HH W 1/4 COR SEC 3	ORANGEWOOD AVE / 91 ST AVE
691	928472.331	591697.261	1076.67	BC IN HH NW COR SEC 4	NORTHERN AVE / 99 TH AVE
7455	931441.321	607589.553	1127.89	BC IN HH E 1/4 COR SECT 35	BUTTER DR / 75th AVE
7456	931307.816	602271.993	1111.18	BC IN HH E 1/4 COR SECT 34	BUTLER DR / 83rd AVE
7457	931242.199	597018.271	1102.18	BC IN HH E 1/4 COR SECT 33	BUTTER DR / 91ST AVE
7458	931095.688	591705.576	1086.88	BC IN FLUSH NE COR SEC 32	BUTTER DR / 99th AVE
7463	925888.585	591694.869	1072.26	AL CAP IN POTHOLE E 1/4 COR SECT 5	ORANGEWOOD / 99th AVE
7467	928533.839	594358.399	1087.42	BC IN PH S 1/4 COR SECT 33	NORTHERN AVE / 95th AVE
7713	928671.976	602246.753	1101.62	BC IN HH NW COR SEC 2	NORTHERN AVE / 83 RD AVE

HORIZONTAL CONTROL

The Maricopa County Department of Transportation Geodetic Densification and Cadastral Survey (GDACS) Control Network was utilized for Horizontal control for this survey. All bearings shown are NAD83 Grid bearings. All distances shown are ground distances. A grid Adjustment Factor of 1.00016 and scale origin values of N. 0.000, E. 0.000 were used for the conversion from Grid to Ground values.

VERTICAL CONTROL

The City of Glendale Vertical Datum (NGVD 1929) was utilized for Vertical control for this survey.

LEGEND:

⬡ CONTROL POINT NO.

○ CONTROL POINT

DNF DID NOT FIND

N

NOTES

1. The Basis of Bearings for the Survey is the North American Datum of 1983, Arizona Central Zone.
2. The Data Shown Reflects the Results of Survey Performed by URS Corporation in 2005.

NO.	REVISION	BY	DATE
△1	Section Corner Correction	RWM	4/26/10
△2			
△3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R. HOOKEY	7/08
DRAWN	R. HOOKEY	7/08
CHECKED	R MILES	7/08

URS

HORIZONTAL & VERTICAL CONTROL

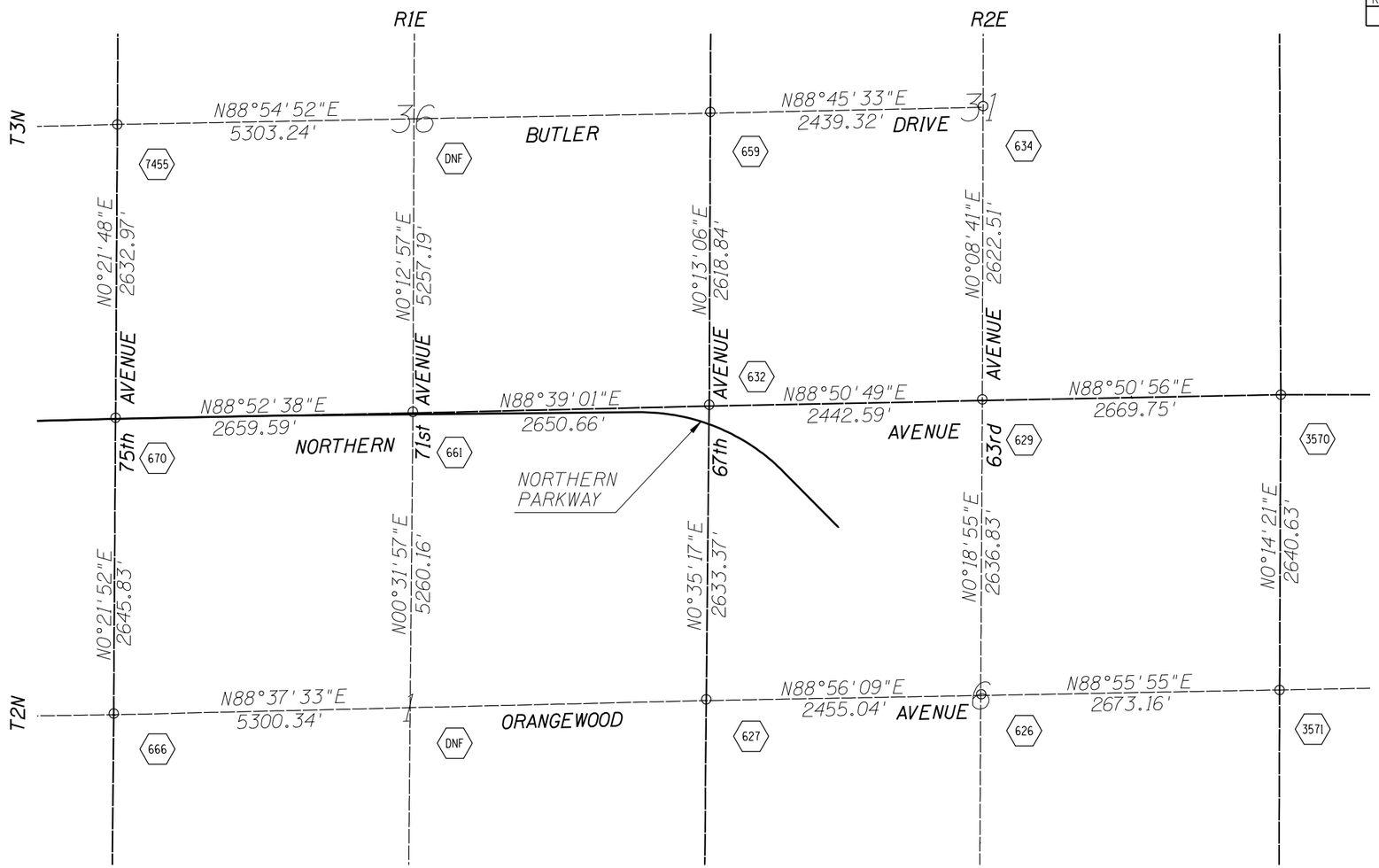
SHEET G16

TRACS NO. 0000 MA MMA SS593 01C

English

8/27/2010 9:41:38 AM
P:\City_of_Glendale\NorthernDCR30\CADD\Plan_Sheets\Utilitrafe\TT108geom04.dgn

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



POINT #	NORTHING	EASTING	ELEV	DESCRIPTION	LOCATION
626	926335.327	615309.455	1145.54	BC IN HH CENTER SEC 6	ORANGEWOOD AVE / 63 RD AVE
627	926289.736	612854.837		BC IN HH W 1/4 COR SEC 6	ORANGEWOOD AVE / 67 TH AVE
629	928972.116	615323.960	1148.82	BC FLUSH N 1/4 COR SEC 6	NORTHERN AVE / 63 RD AVE
632	928922.965	612881.860		BC IN HH NW COR SEC 6	NORTHERN AVE / 67 TH AVE
634	931594.613	615330.589		SPIKE IN POTHOLE CENTER SEC 31	BUTLER DR / 63 RD AVE
659	931541.784	612891.842		BC IN HH W 1/4 COR SEC 31	BUTLER DR / 67 TH AVE
661	928860.523	610231.931	1134.06	BC IN HH S 1/4 COR SEC 36	NORTHERN AVE / 71 ST AVE
666	926162.635	607556.021		BC IN HH W 1/4 COR SEC 1	ORANGEWOOD AVE / 75 TH AVE
670	928808.407	607572.851	1126.67	BC IN HH SW COR SEC 36	NORTHERN AVE / 75 TH AVE
7455	931441.321	607589.553		BC IN HH W 1/4 COR SEC 36	BULTER DR / 75th AVE
3570	929025.751	617993.169		ALUM CAP NE COR SEC 6	NORTHERN AVE / 59 TH AVE
3571	926385.149	617982.148		FND BC IN HH E 1/4 COR SEC 6	ORANGEWOOD AVE / 59 TH AVE

HORIZONTAL CONTROL

The Maricopa County Department of Transportation Geodetic Densification and Cadastral Survey (GDACS) Control Network was utilized for Horizontal control for this survey. All bearings shown are NAD83 Grid bearings. All distances shown are ground distances. A grid Adjustment Factor of 1.00016 and scale origin values of N. 0.000, E. 0.000 were used for the conversion from Grid to Ground values.

VERTICAL CONTROL

The City of Glendale Vertical Datum (NGVD 1929) was utilized for Vertical control for this survey.

LEGEND:

- ⬡ CONTROL POINT NO.
- ○ CONTROL POINT
- DNF DID NOT FIND

N

NOTES

1. The Basis of Bearings for the Survey is the North American Datum of 1983, Arizona Central Zone.
2. The Data Shown Reflects the Results of Survey Performed by URS Corporation in 2005.

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	A GONZALEZ	1/08
CHECKED	R MILES	1/08

URS

HORIZONTAL & VERTICAL CONTROL

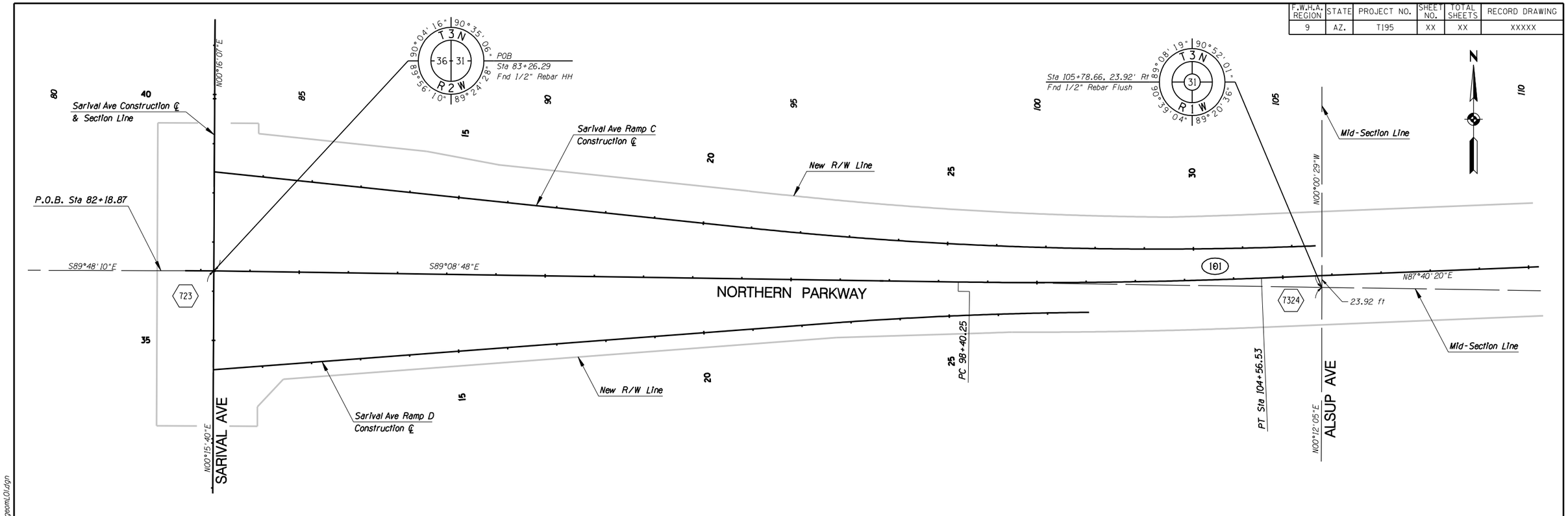
SHEET G17

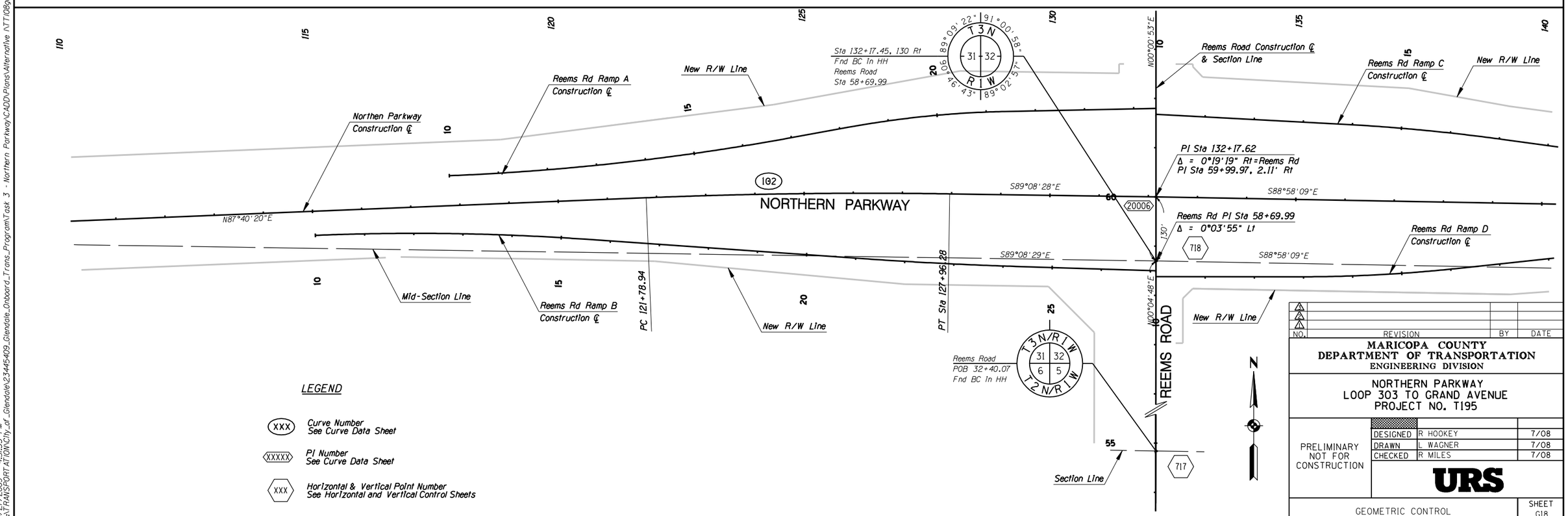
TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 10:35:02 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\UltimateTT108geom05.dgn

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





LEGEND

- (XXX) Curve Number — See Curve Data Sheet
- ⟨XXXXX⟩ PI Number — See Curve Data Sheet
- (XXX) Horizontal & Vertical Point Number — See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

GEOMETRIC CONTROL

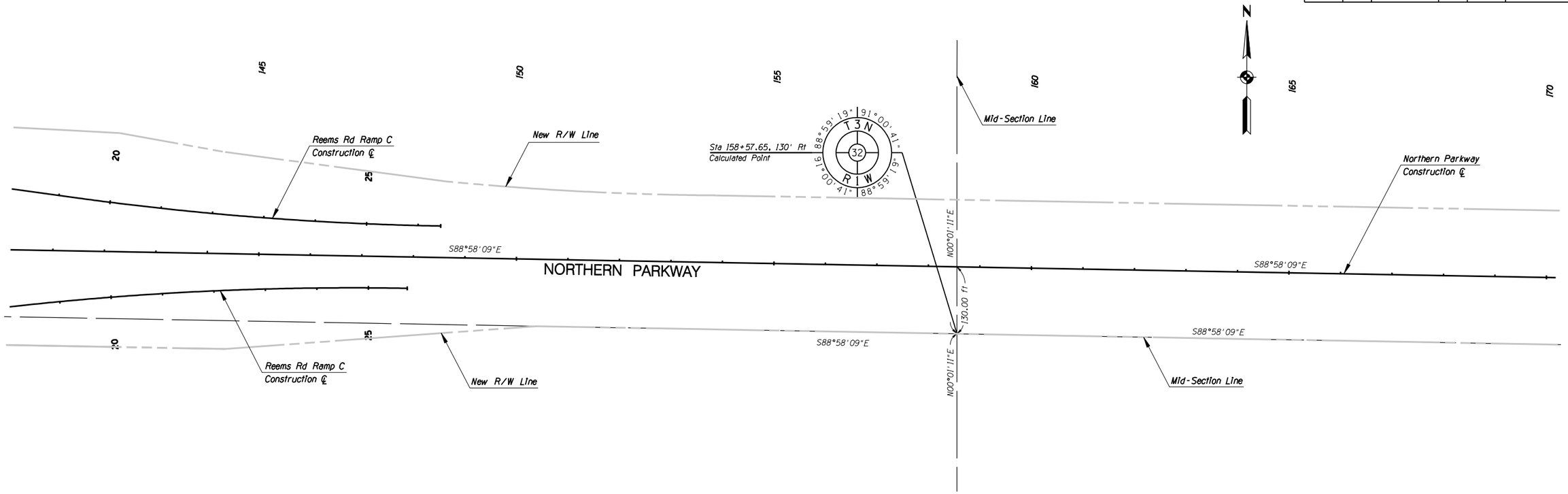
SHEET G18

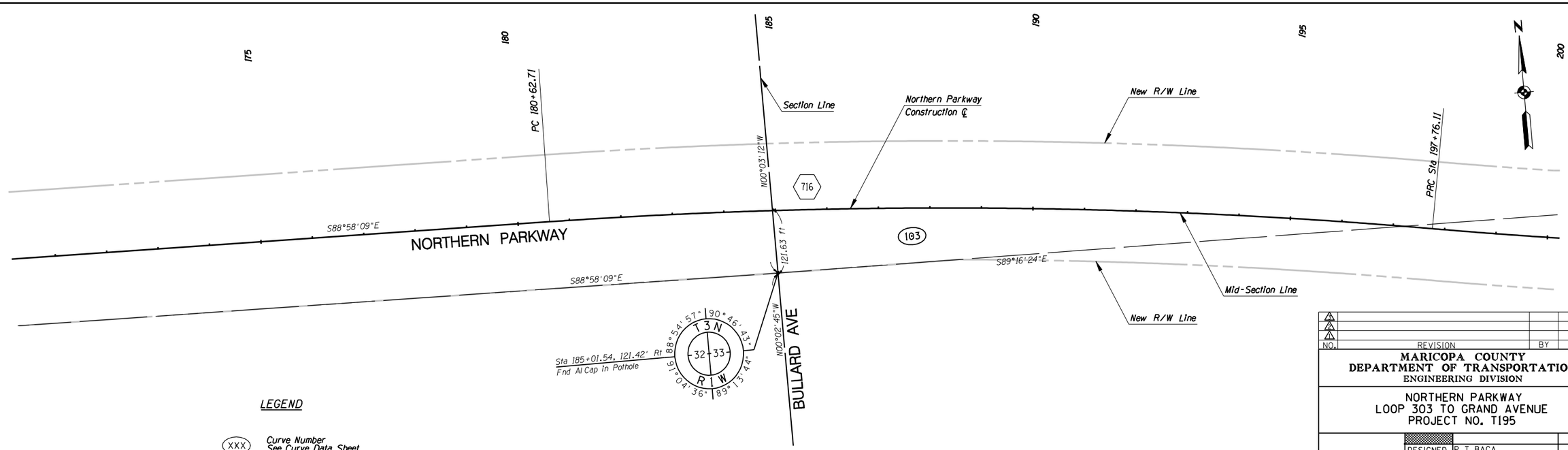
TRACS NO. 0000 MA MMA SS593 01C

5/27/2009 4:51:33 PM
p:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative NT1\08geomL01.dgn

English

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





LEGEND

(XXX) Curve Number
See Curve Data Sheet

⟨XXXXX⟩ PI Number
See Curve Data Sheet

⟨XXX⟩ Horizontal & Vertical Point Number
See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

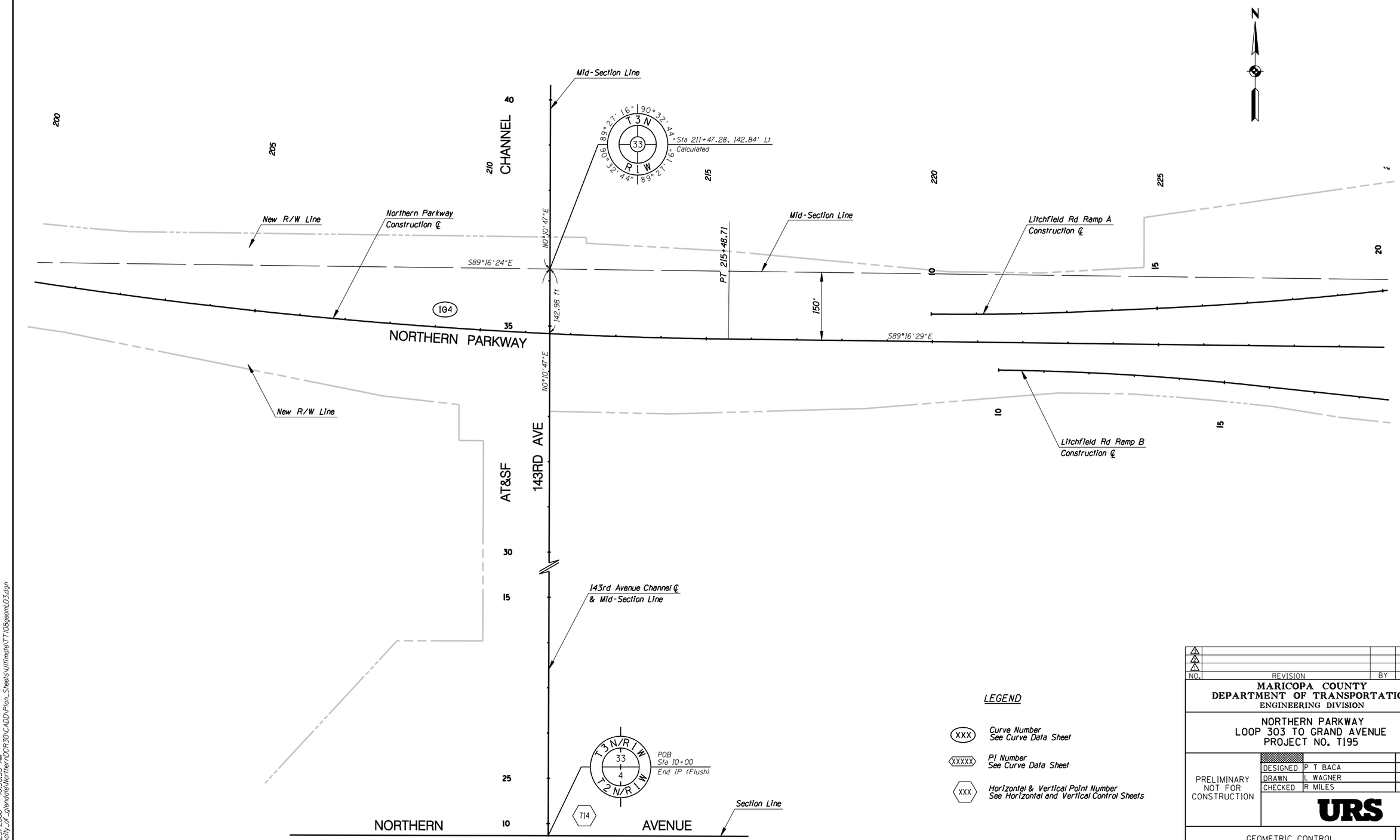
GEOMETRIC CONTROL

SHEET
G19

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 10:36:09 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T108geomL02.dgn

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



LEGEND

XXX — Curve Number
See Curve Data Sheet

XXXXX — PI Number
See Curve Data Sheet

XXX — Horizontal & Vertical Point Number
See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GEOMETRIC CONTROL

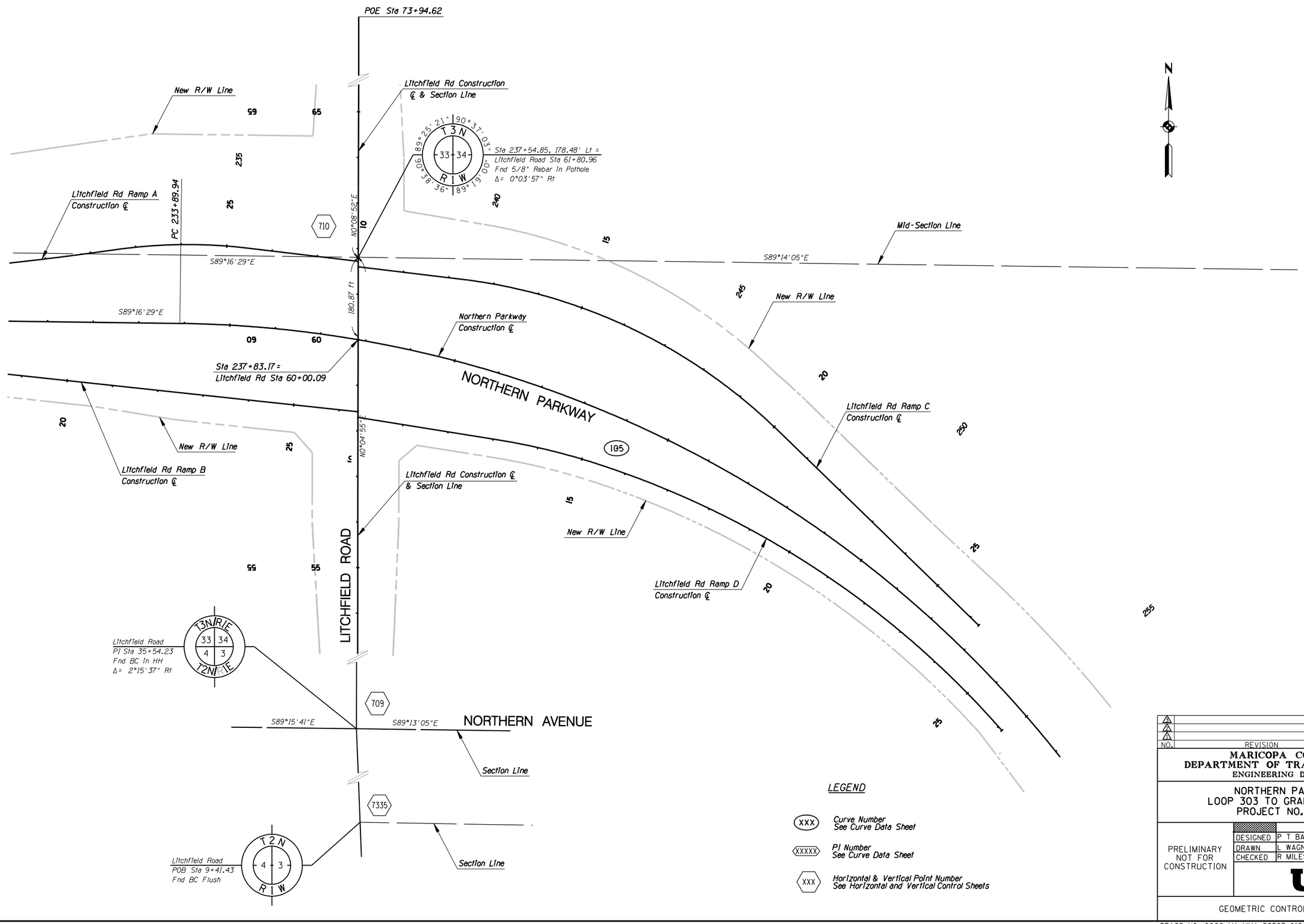
SHEET G20

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 10:36:35 AM
p:\city_of_glendale\Northern\DCR30\CADD\Plan_Sheets\Ultimate\TT108geomL03.dgn

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



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GEOMETRIC CONTROL

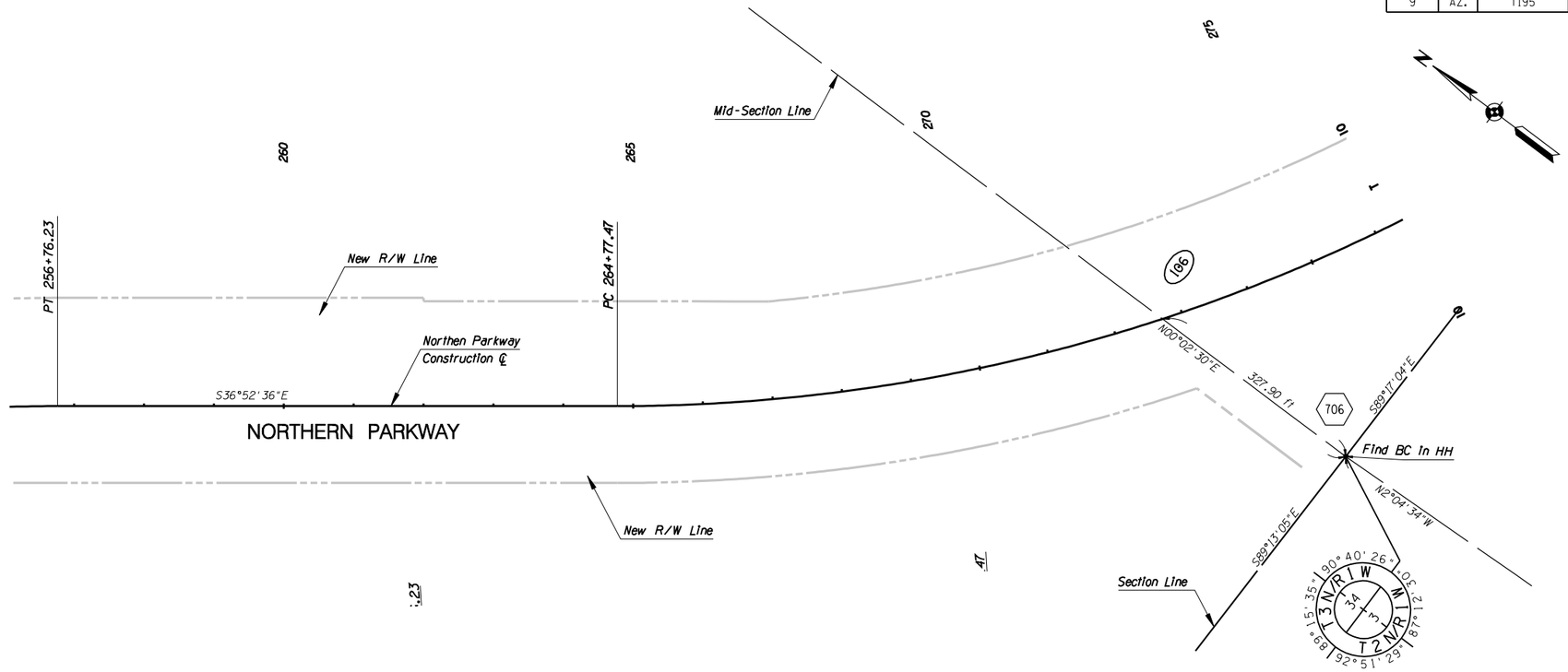
SHEET G21

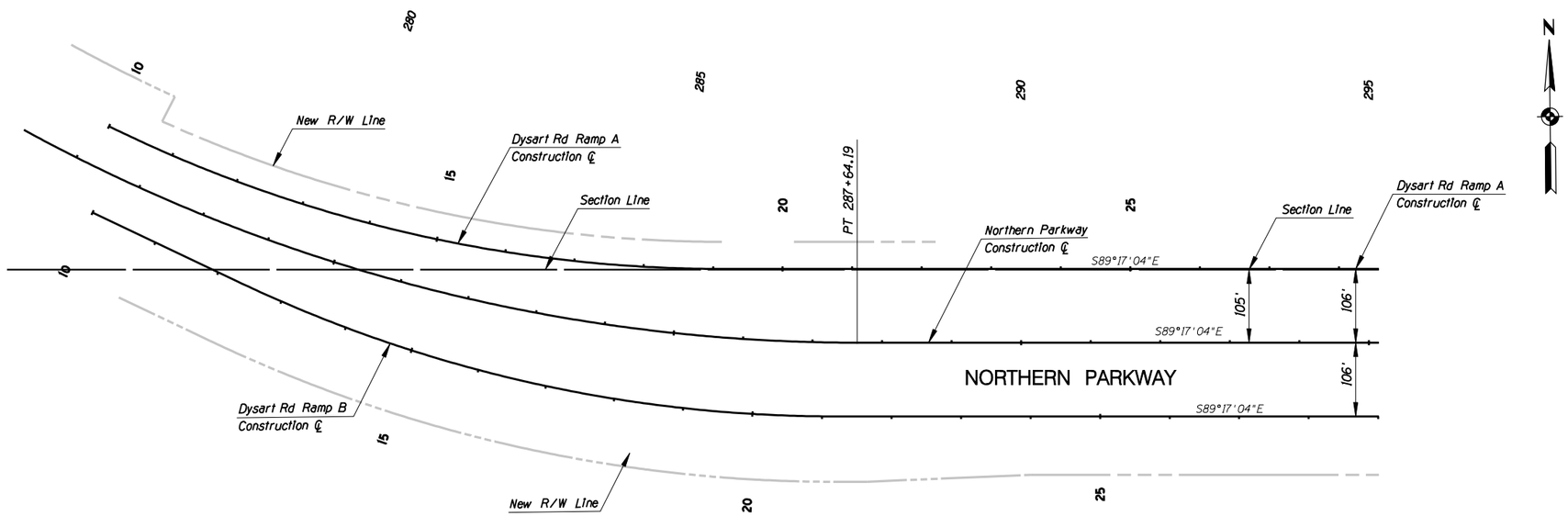
TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 10:36:59 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T10BgeomL04.dgn

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





LEGEND

- XXX — Curve Number, See Curve Data Sheet
- XXXXX — PI Number, See Curve Data Sheet
- XXX — Horizontal & Vertical Point Number, See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

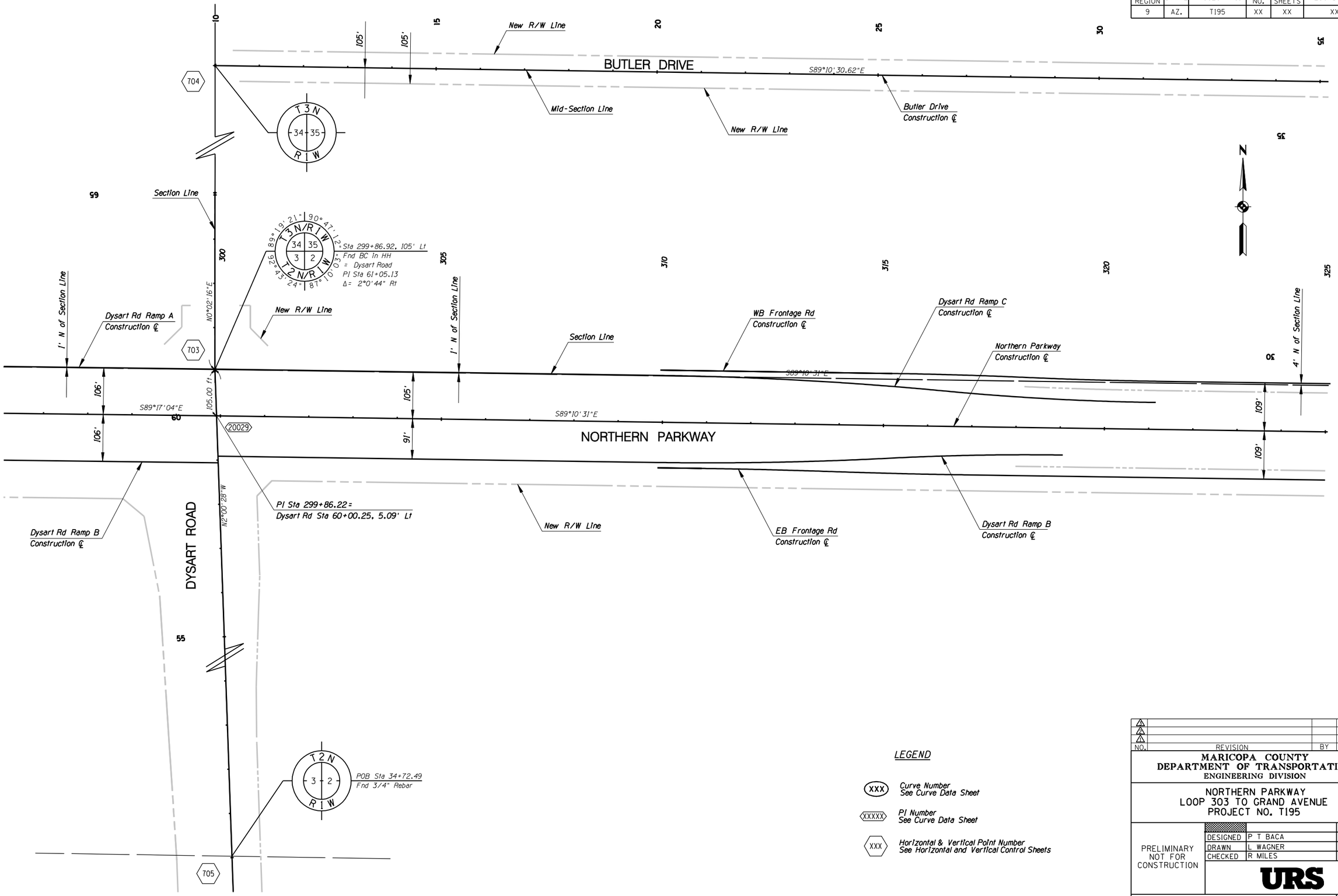
GEOMETRIC CONTROL

SHEET G22

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 10:37:29 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T1108geomL05.dgn

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



LEGEND

XXX — Curve Number See Curve Data Sheet

XXXXX — PI Number See Curve Data Sheet

XXX — Horizontal & Vertical Point Number See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GEOMETRIC CONTROL

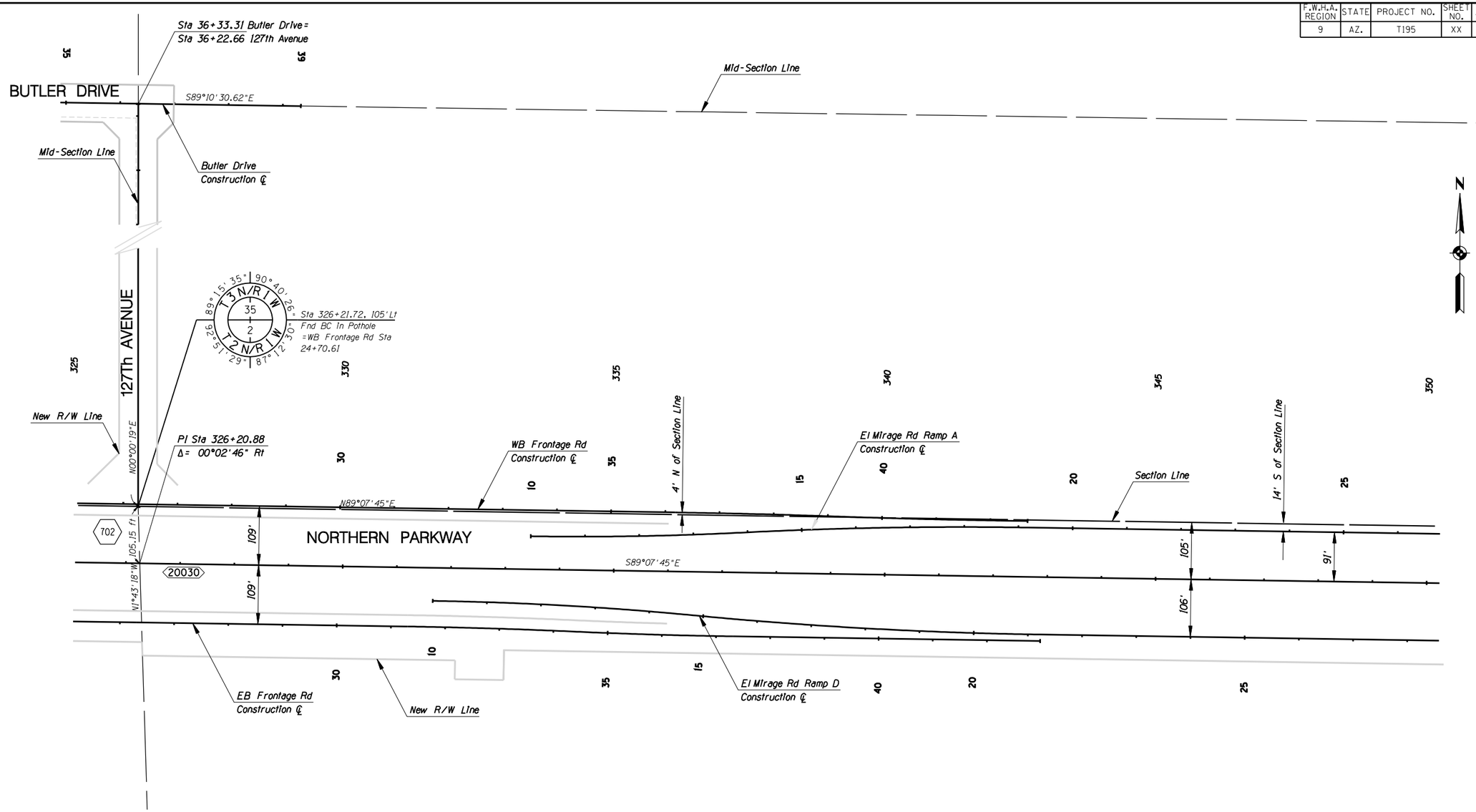
SHEET G23

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 10:37:56 AM
p:\city_of_glendale\Northern\DCR30\CADD\Plan_Sheets\Ultimate\TT108geomL06.dgn

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



LEGEND

- (XXX) Curve Number — See Curve Data Sheet
- ⟨XXXXX⟩ PI Number — See Curve Data Sheet
- ⟨XXX⟩ Horizontal & Vertical Point Number — See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

GEOMETRIC CONTROL

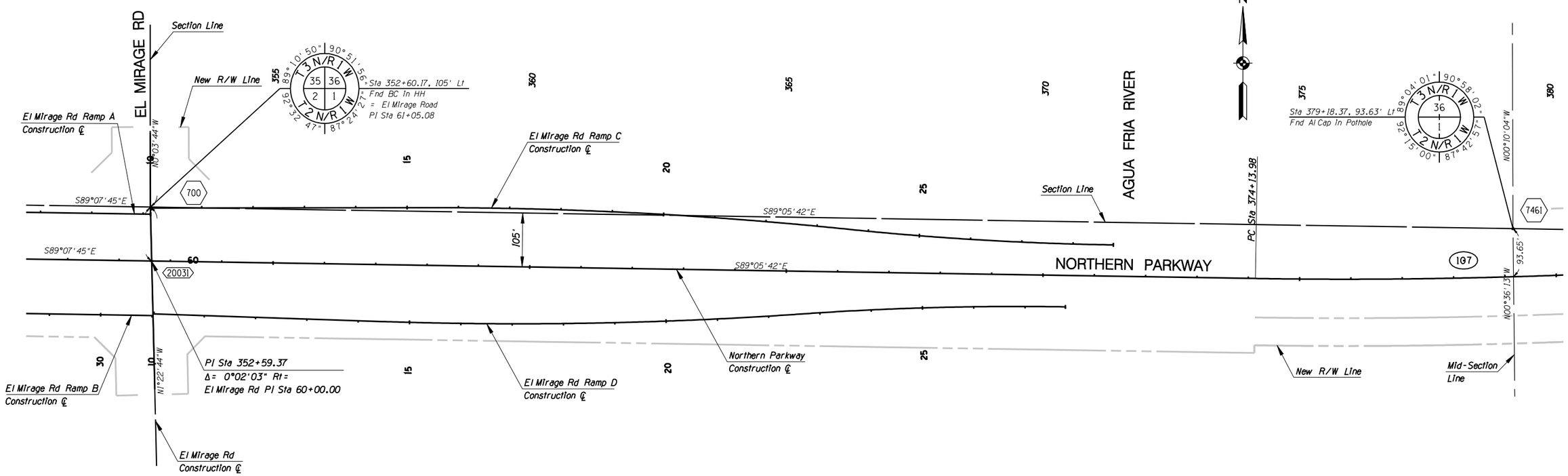
SHEET G24

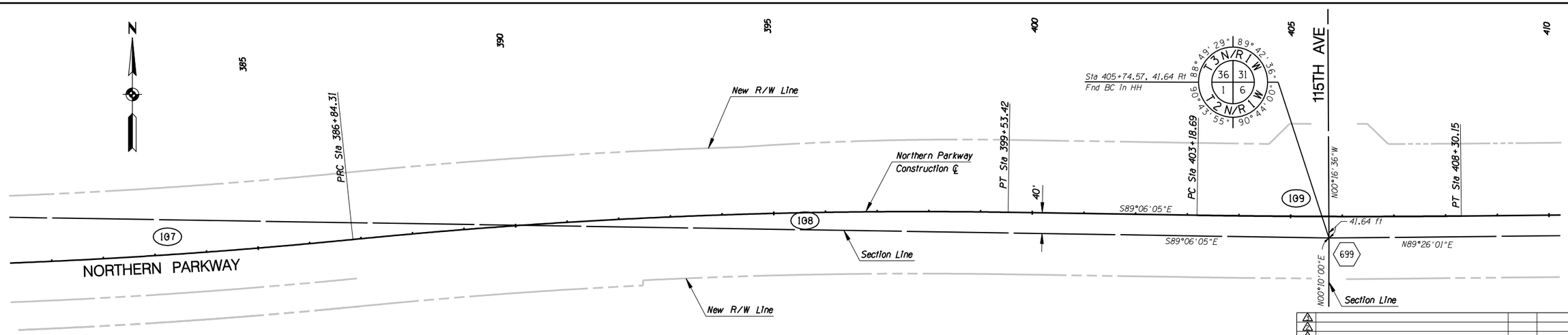
TRACS NO. 0000 MA MMA SS593 01C

English

6/10/2009 5:27:49 PM
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative NTT\08geomL07.dgn

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





LEGEND

- (XXX) Curve Number — See Curve Data Sheet
- (XXXXX) PI Number — See Curve Data Sheet
- (XXX) Horizontal & Vertical Point Number — See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GEOMETRIC CONTROL

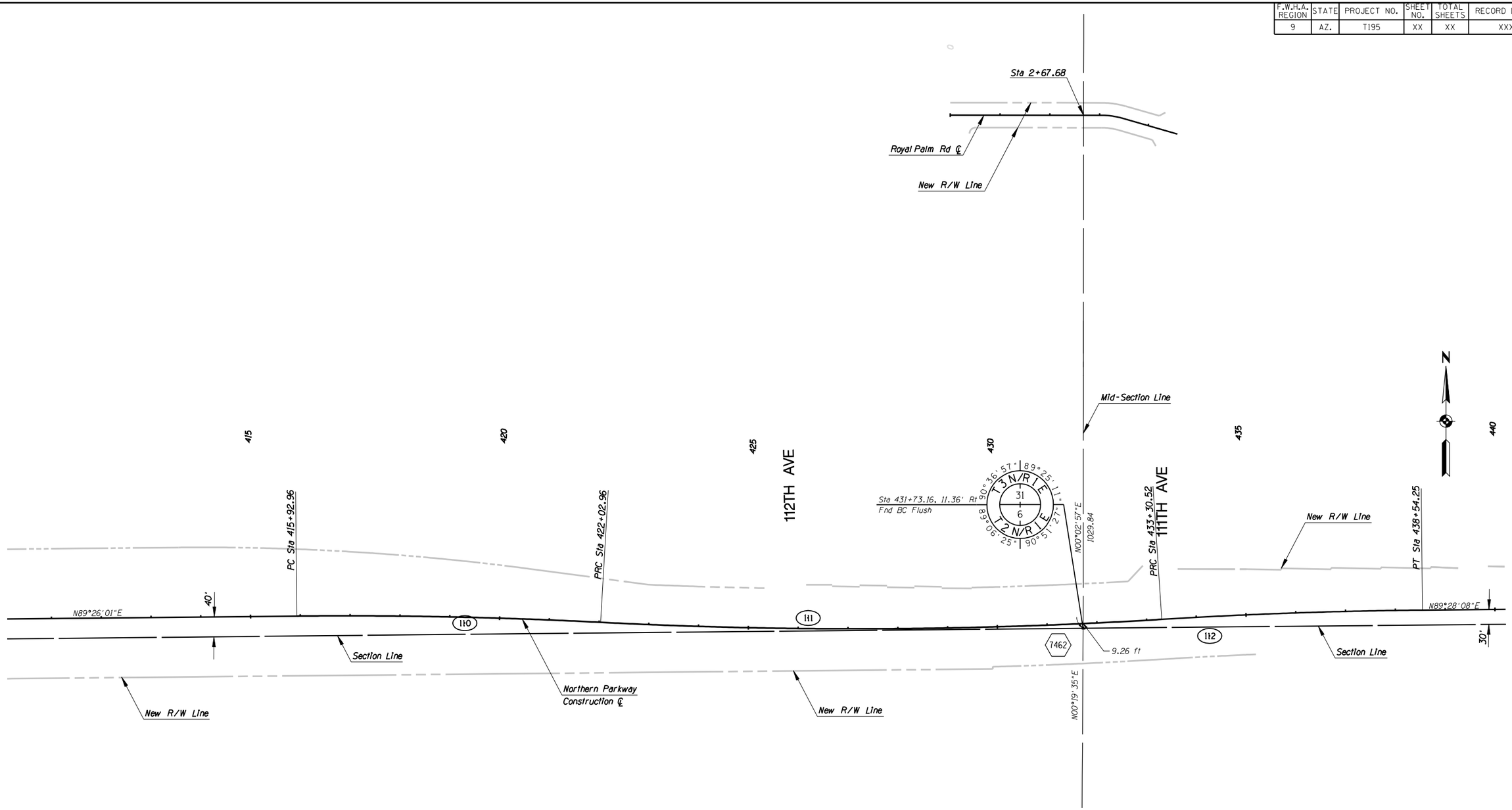
SHEET G25

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 10:50:33 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T1108geomL08.dgn

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



LEGEND

XXX	Curve Number See Curve Data Sheet
XXXXX	PI Number See Curve Data Sheet
XXX	Horizontal & Vertical Point Number See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GEOMETRIC CONTROL

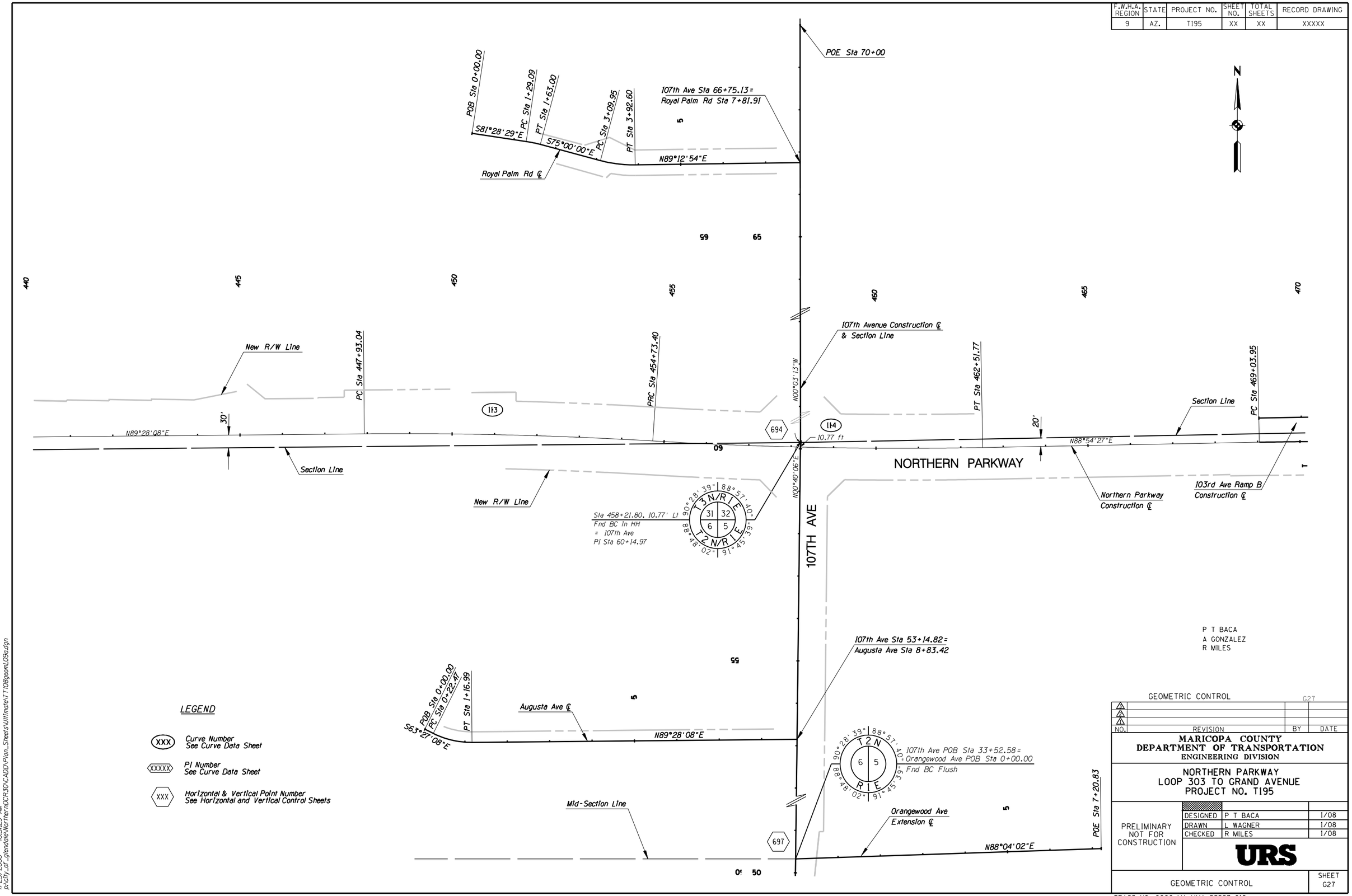
SHEET
G26

TRACS NO. 0000 MA MMA SS593 01C

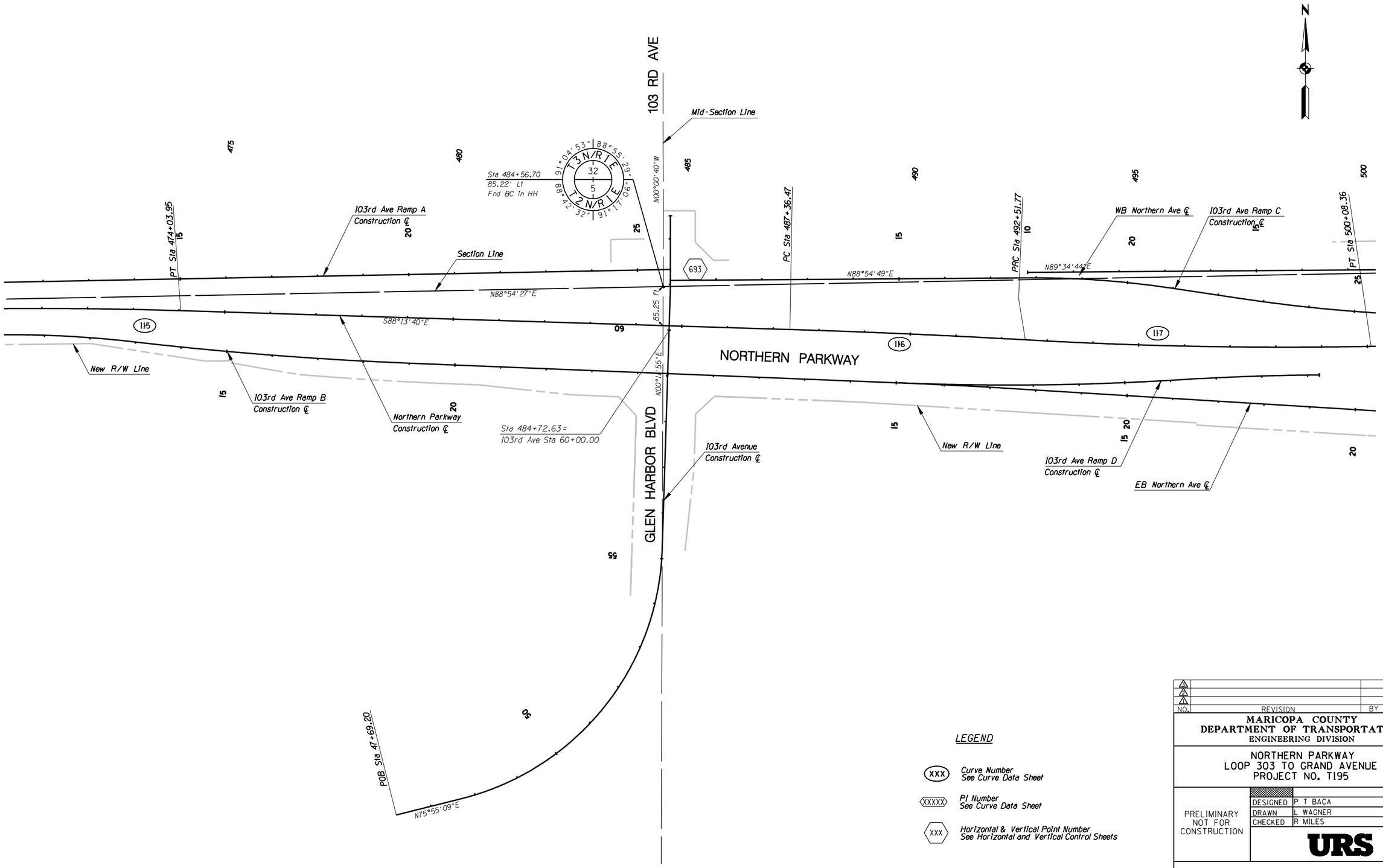
1/25/2008 10:51:07 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T1108geomL09.dgn

English

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



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



LEGEND

- (XXX) Curve Number — See Curve Data Sheet
- (XXXXX) PI Number — See Curve Data Sheet
- (XXX) Horizontal & Vertical Point Number — See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

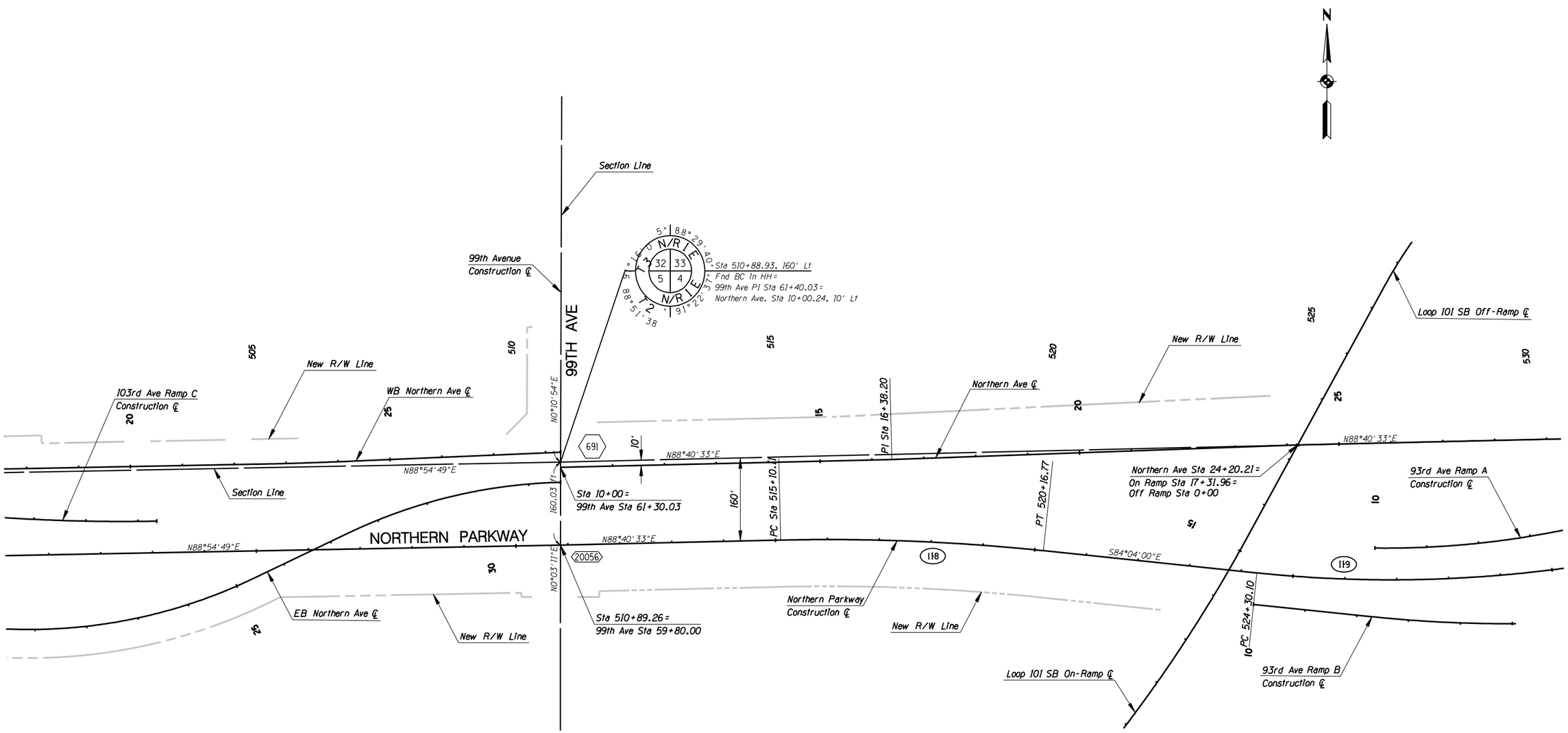
GEOMETRIC CONTROL

SHEET G28

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 10:51:50 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T1108geomL10.dgn

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



LEGEND

(XXX) Curve Number
See Curve Data Sheet

⟨XXXXX⟩ PI Number
See Curve Data Sheet

⟨XXX⟩ Horizontal & Vertical Point Number
See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GEOMETRIC CONTROL

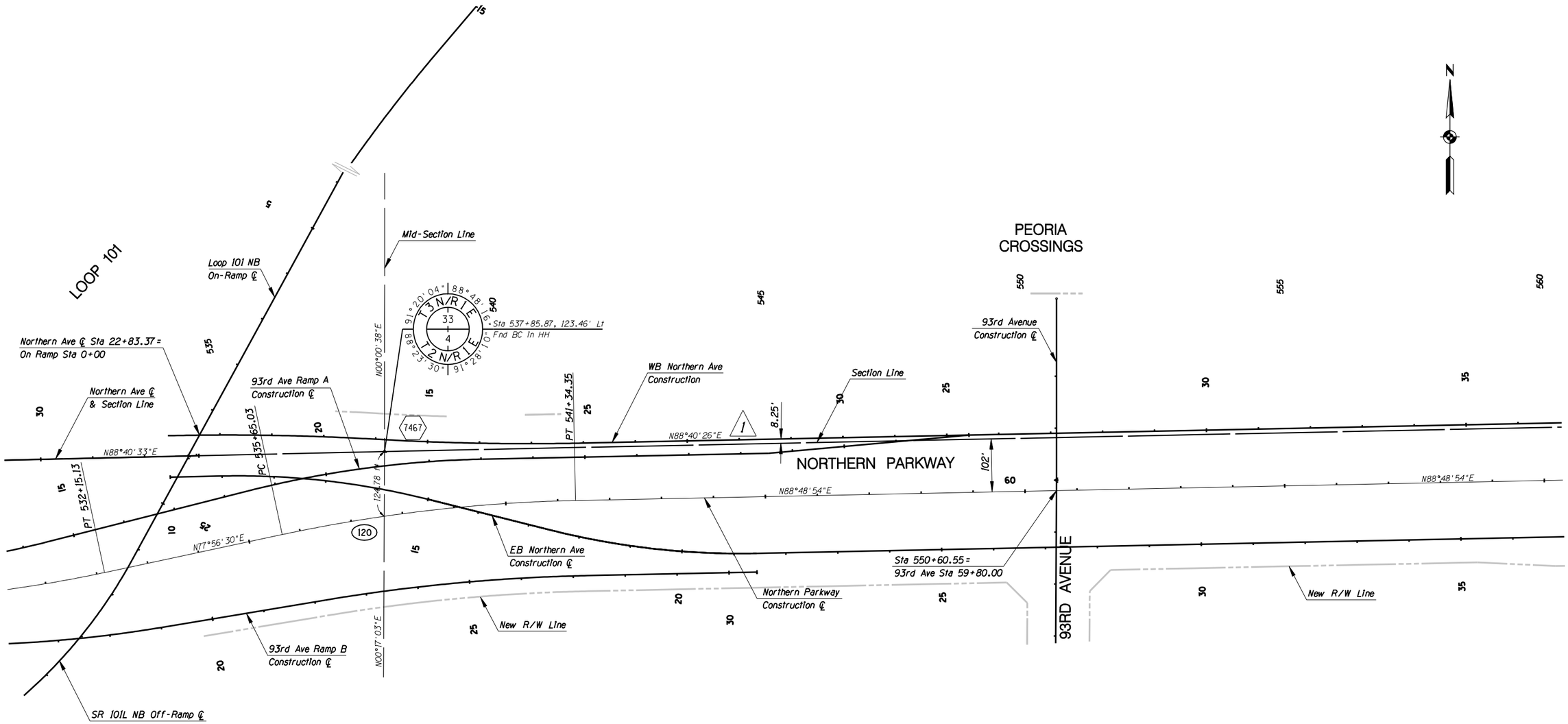
SHEET G29

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 10:52:11 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108geomL11.dgn

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



LEGEND

(XXX) Curve Number
See Curve Data Sheet

⟨XXXXX⟩ PI Number
See Curve Data Sheet

⟨XXXX⟩ Horizontal & Vertical Point Number
See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
1			
2			
3			
4	Section Corner Correction	RWM	4/26/10

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

GEOMETRIC CONTROL

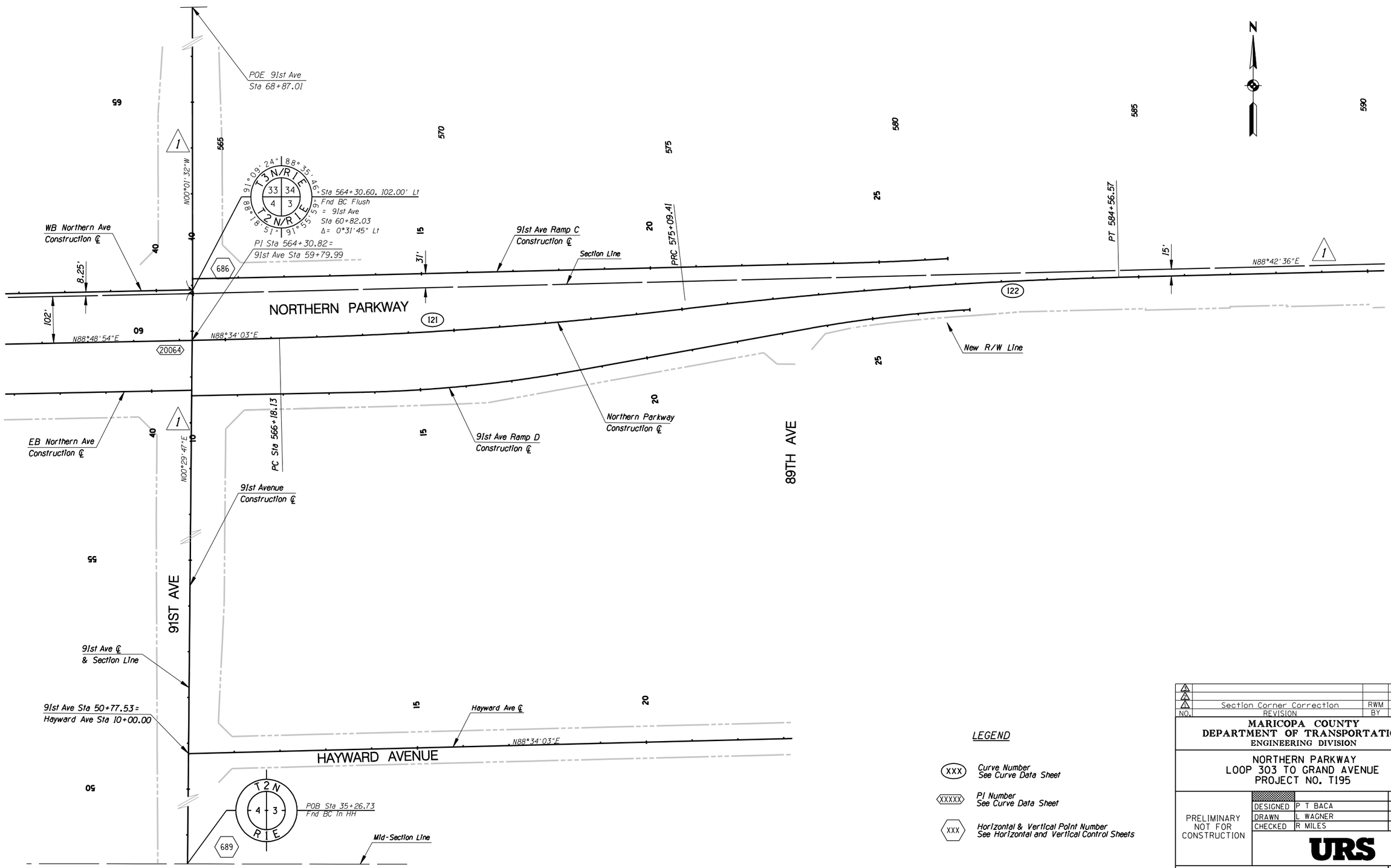
SHEET G30

TRACS NO. 0000 MA MMA SS593 01C

English

8/26/2010 10:40:52 AM
P:\City_of_Glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T1108geomL12.dgn

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



LEGEND

(XXX) Curve Number
See Curve Data Sheet

⟨XXXXX⟩ PI Number
See Curve Data Sheet

⟨XXX⟩ Horizontal & Vertical Point Number
See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
1	Section Corner Correction	RWM	4/26/10
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

GEOMETRIC CONTROL

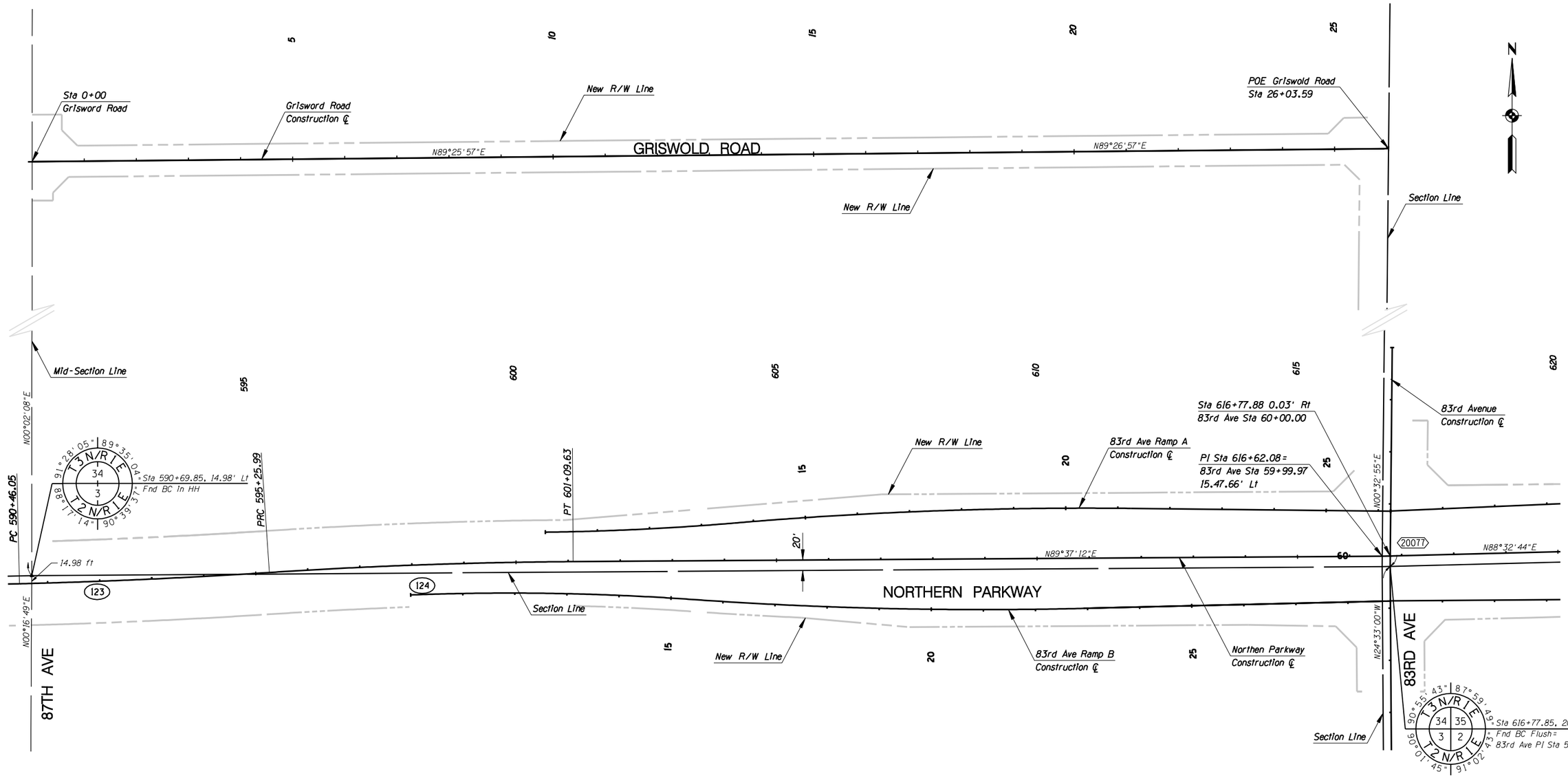
SHEET G31

TRACS NO. 0000 MA MMA SS593 01C

8/26/2010 10:42:42 AM
P:\City_of_Glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T1108geomL13.dgn

English

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



LEGEND

- (XXX) Curve Number — See Curve Data Sheet
- ⟨XXXXX⟩ PI Number — See Curve Data Sheet
- ⟨XXXX⟩ Horizontal & Vertical Point Number — See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GEOMETRIC CONTROL

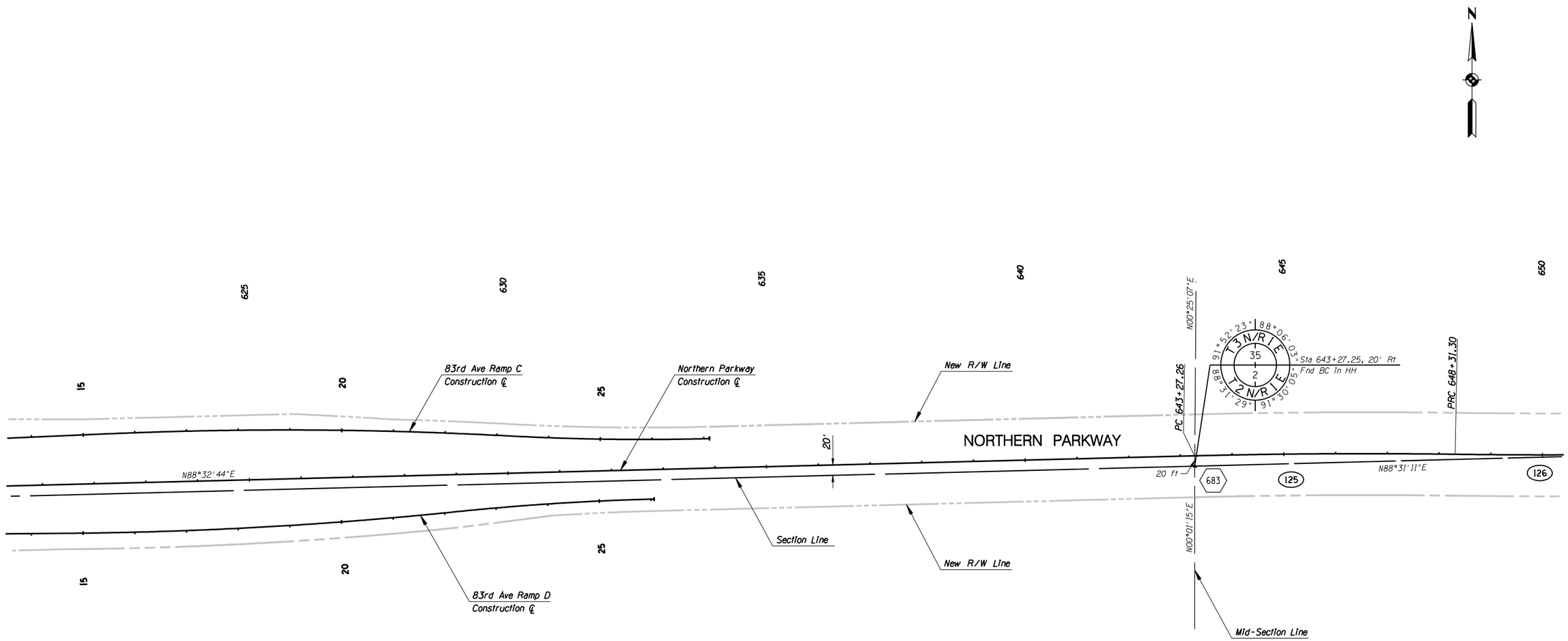
SHEET G32

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 10:53:24 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T1108geomL14.dgn

English

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



LEGEND

(XXX) Curve Number
See Curve Data Sheet

⟨XXXXX⟩ PI Number
See Curve Data Sheet

⟨XXX⟩ Horizontal & Vertical Point Number
See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GEOMETRIC CONTROL

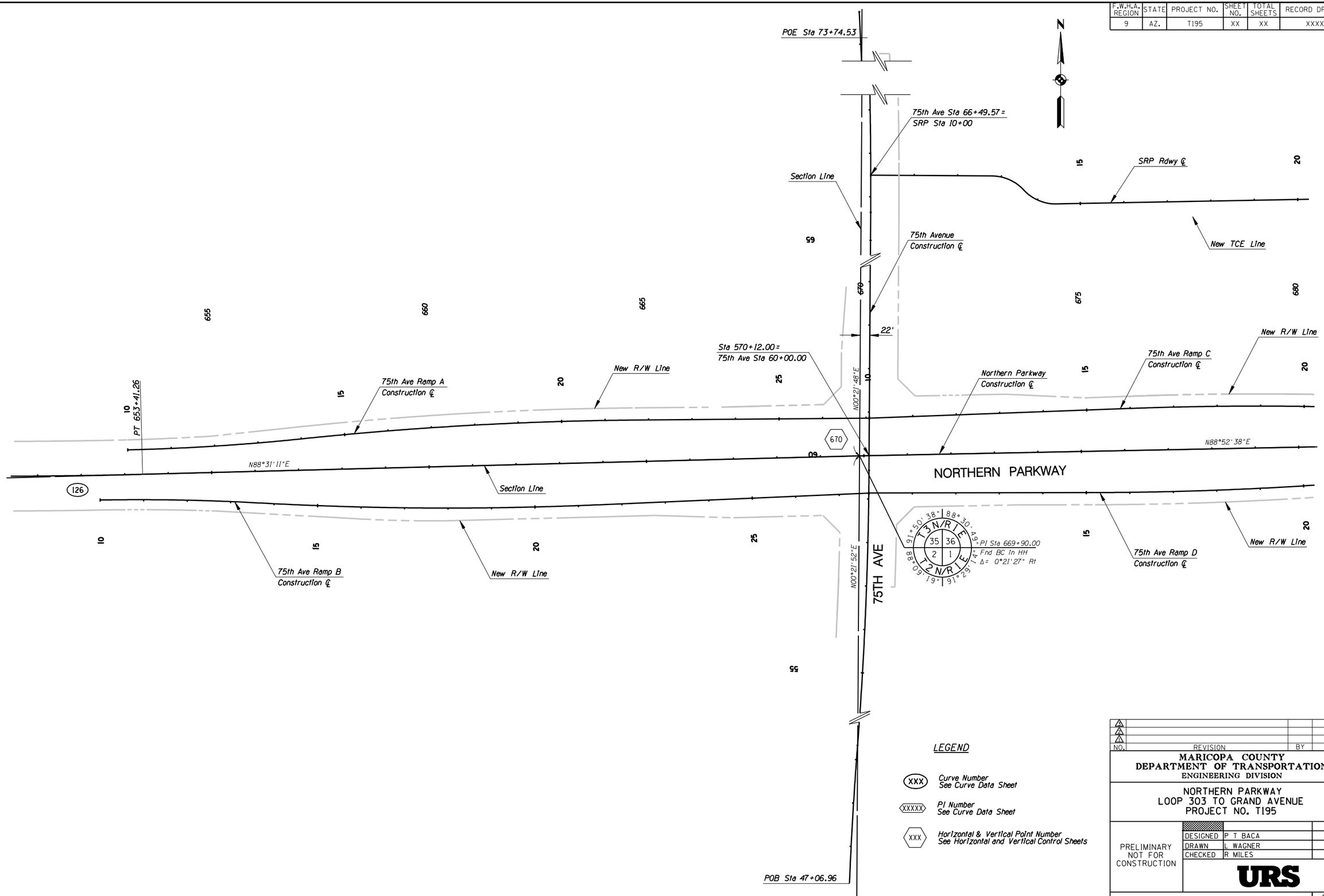
SHEET
G33

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 10:53:45 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108geomU4a.dgn

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



LEGEND

- (XXX) Curve Number — See Curve Data Sheet
- ⟨XXXXX⟩ PI Number — See Curve Data Sheet
- ⟨XXX⟩ Horizontal & Vertical Point Number — See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GEOMETRIC CONTROL

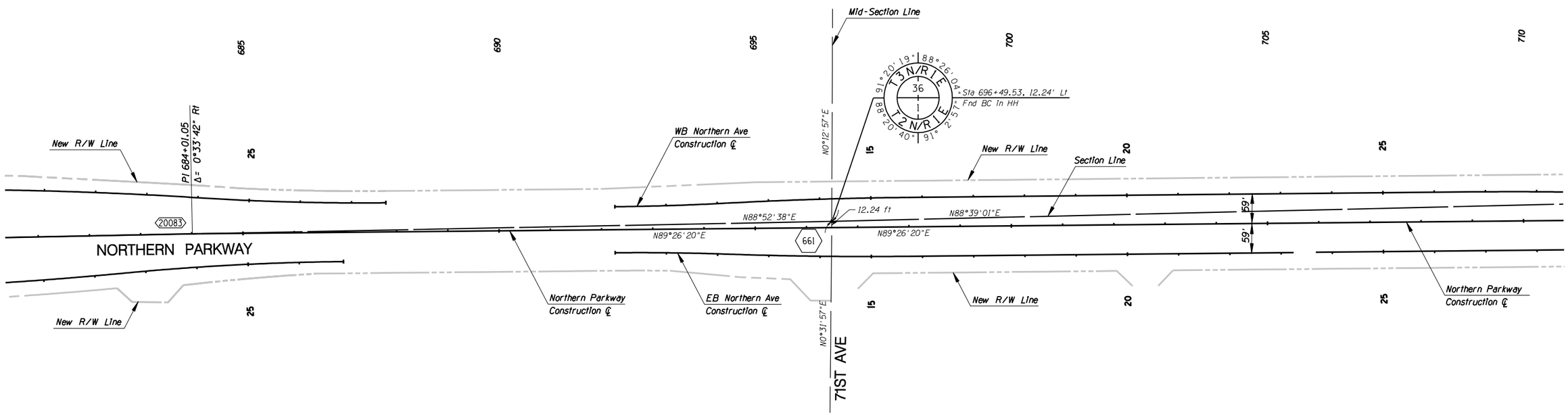
SHEET G34

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 10:54:12 AM
p:\City_of_glendale\NorthernDCR3D\CADD\Plan_Sheets\Ultimate\T1108geomLI5.dgn

English

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



LEGEND

(XXX) Curve Number
See Curve Data Sheet

⟨XXXXX⟩ PI Number
See Curve Data Sheet

⟨XXX⟩ Horizontal & Vertical Point Number
See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GEOMETRIC CONTROL

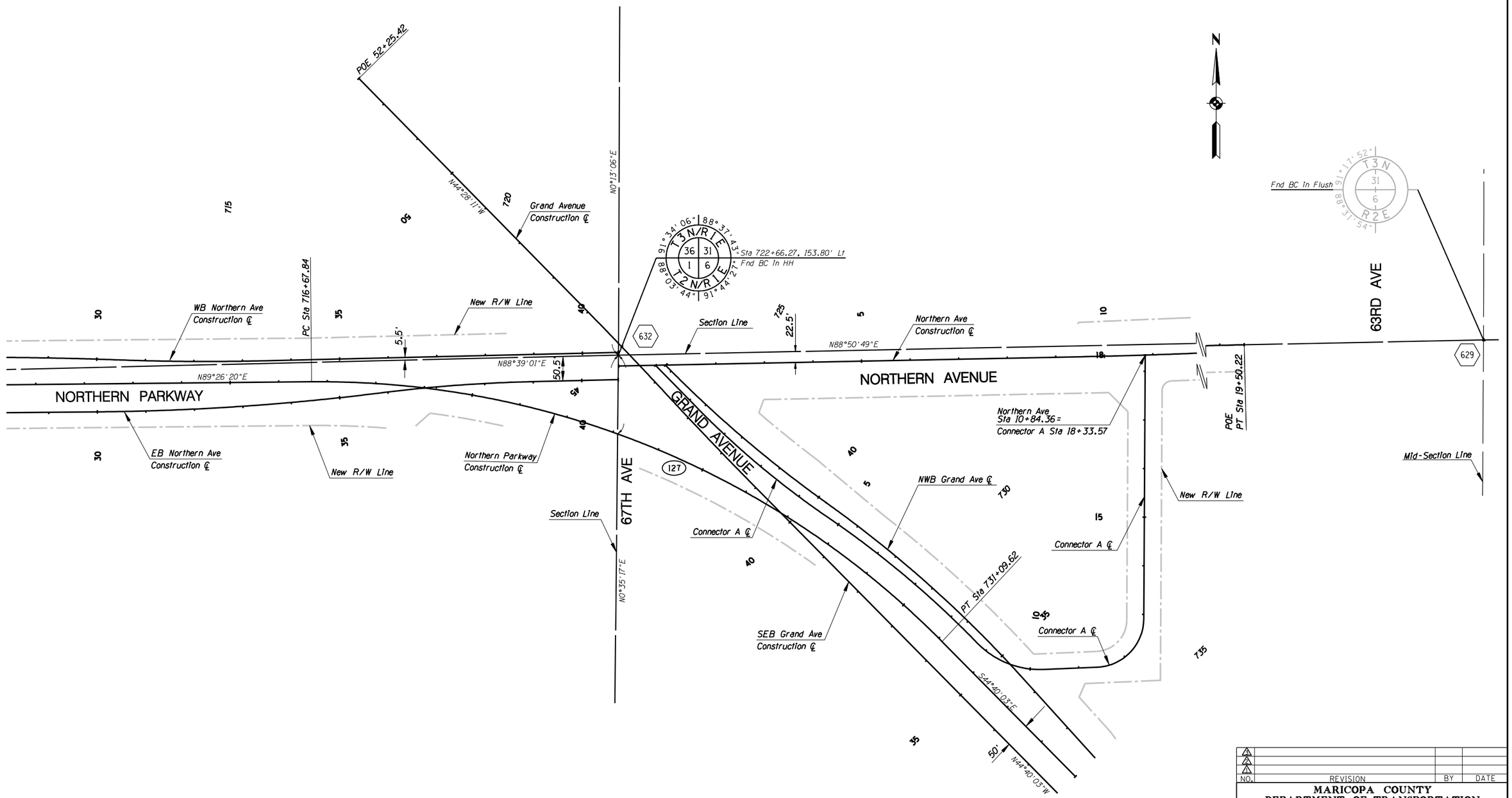
SHEET G35

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 10:54:33 AM
p:\City_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108geomL15a.dgn

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



LEGEND

(XXX)	Curve Number See Curve Data Sheet
⟨XXXXX⟩	PI Number See Curve Data Sheet
⟨XXX⟩	Horizontal & Vertical Point Number See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

GEOMETRIC CONTROL

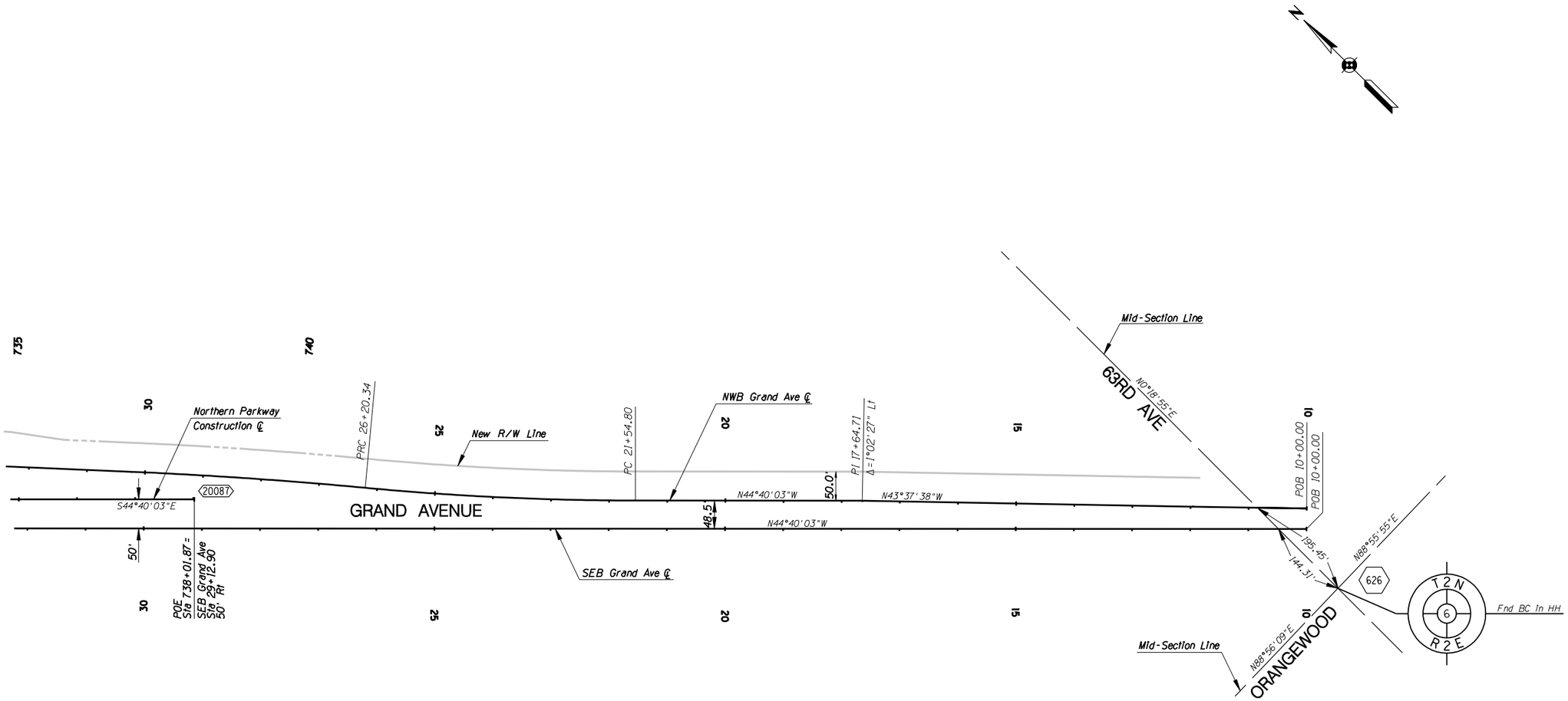
SHEET G36

TRACS NO. 0000 MA MMA SS593 01C

English

5/29/2009 10:18:54 AM
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\TT108geomU6.dgn

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



LEGEND

(XXX) Curve Number
See Curve Data Sheet

⟨XXXXX⟩ PI Number
See Curve Data Sheet

⟨XXX⟩ Horizontal & Vertical Point Number
See Horizontal and Vertical Control Sheets

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

GEOMETRIC CONTROL

SHEET G37

TRACS NO. 0000 MA MMA SS593 01C

6/4/2009 6:06:41 PM
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative NTT\08geomLIT.dgn

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

CURVE DATA TABLE

		PI			PI			PC/PRC			PT/PRC								
DESCRIPTION	REF NO	STATION	NORTHING	EASTING	STATION	NORTHING	EASTING	STATION	NORTHING	EASTING	STATION	NORTHING	EASTING	Delta	D	R	L	T	E
NORTHERN PARKWAY																			
Bgn (POB)	723	83+26.29	931413.74	549924.44															
Curve	101				101+48.47	931386.60	551746.42	98+40.25	931391.19	551438.23	104+56.53	931399.12	552054.38	3°10'52" Lt	0°30'58"	11100.00	616.28	308.22	4.28
Curve	102				124+87.69	931481.62	554083.86	121+78.94	931469.08	553775.36	127+96.28	931476.99	554392.58	3°11'12" Rt	0°30'58"	11100.00	617.34	308.75	4.29
PI	20006	132+17.62	931470.67	554813.87															
Curve	103				189+21.12	931368.06	560516.44	180+62.71	931383.50	559658.17	197+76.11	931220.84	561362.13	8°05'39" Rt	0°30'58"	11100.00	1713.40	858.41	33.14
Curve	104				206+64.30	931068.52	562237.16	(PRC)			215+48.71	931057.27	563125.27	9°08'59" Lt	0°30'58"	11100.00	1772.59	888.18	35.48
Curve	105				246+20.03	931018.39	566196.35	233+89.94	931033.96	564966.36	256+76.23	930034.40	566934.53	52°23'52" Rt	2°17'31"	2500.00	2286.29	1230.09	286.24
Curve	106				277+07.83	928409.26	568153.69	264+77.47	929393.46	567415.35	287+64.19	928393.90	569383.95	52°24'28" Lt	2°17'31"	2500.00	2286.72	1230.36	286.36
PI	20029	299+86.22	928378.64	570605.88															
PI	20030	326+20.88	928340.72	573240.27															
PI	20031	352+59.37	928300.62	575878.46															
Curve	107				380+49.84	928256.54	578668.58	374+13.98	928266.59	578032.80	386+84.31	928319.17	579301.35	6°33'26" Lt	0°30'58"	11100.00	1270.33	635.86	18.20
Curve	108				393+19.56	928381.73	579933.51	(PRC)			399+53.42	928371.77	580568.68	6°33'03" Rt	0°30'58"	11100.00	1269.11	635.25	18.16
Curve	109				405+74.43	928362.03	581189.61	403+18.69	928366.04	580933.90	408+30.15	928364.56	581445.34	1°27'55" Lt	0°17'11"	20000.00	511.46	255.74	1.64
Curve	110				418+98.05	928375.12	582513.20	415+92.96	928372.10	582208.11	422+02.96	928359.53	582817.89	3°29'42" Rt	0°34'23"	10000.00	610.01	305.10	4.65
Curve	111				427+67.34	928330.69	583381.54	(PRC)			433+30.52	928365.46	583944.84	6°27'38" Lt	0°34'23"	10000.00	1127.56	564.38	15.91
Curve	112				435+92.45	928381.60	584206.27	(PRC)			438+54.25	928384.02	584468.18	3°00'03" Rt	0°34'23"	10000.00	523.73	261.92	3.43
Curve	113				451+33.35	928395.88	585747.23	447+93.04	928392.73	585406.93	454+73.40	928375.89	586086.95	3°53'54" Rt	0°34'23"	10000.00	680.36	340.31	5.79
Curve	114				458+62.78	928353.02	586475.66	(PRC)			462+51.77	928360.45	586864.97	4°27'35" Lt	0°34'23"	10000.00	778.36	389.38	7.58
Curve	115				471+54.00	928377.65	587767.04	469+03.95	928372.88	587517.03	474+03.95	928369.92	588016.97	2°51'53" Rt	0°34'23"	10000.00	500.00	250.05	3.13
Curve	116				489+94.14	928320.74	589606.40	487+36.47	928328.71	589348.86	492+51.77	928306.14	589863.65	1°28'34" Rt	0°17'11"	20000.00	515.30	257.67	1.66
Curve	117				496+30.25	928284.69	590241.51	(PRC)			500+08.36	928291.87	590619.92	4°20'06" Lt	0°34'23"	10000.00	756.58	378.47	7.16
PI	20056	510+89.26	928312.37	591700.63															
Curve	118				517+63.78	928327.95	592374.96	515+10.11	928322.09	592121.36	520+16.77	928301.73	592627.27	7°15'27" Rt	1°25'57"	4000.00	506.66	253.67	8.04
Curve	119				528+25.87	928218.09	593432.04	524+30.10	928259.00	593038.39	532+15.13	928300.77	593819.08	17°59'30" Lt	2°17'31"	2500.00	785.03	395.77	31.13
Curve	120				538+50.54	928433.52	594440.48	535+65.03	928373.87	594161.26	541+34.35	928439.42	594725.93	10°52'24" Rt	1°54'35"	3000.00	569.32	285.52	13.56
PI	20064	564+30.82	928486.92	597021.92															
Curve	121				570+64.10	928502.75	597655.00	566+18.13	928491.60	597209.17	575+09.41	928556.01	598097.78	5°25'37" Lt	0°36'32"	9410.00	891.28	445.97	10.56
Curve	122				579+83.35	928612.61	598568.33	(PRC)			584+56.57	928624.46	599042.11	5°25'37" Rt	0°34'23"	10000.00	947.16	473.94	11.22
Curve	123				592+86.05	928645.20	599871.34	590+46.05	928639.20	599631.41	595+25.99	928660.78	600111.83	2°17'30" Lt	0°28'39"	12000.00	479.94	240.00	2.40
Curve	124				598+17.89	928679.74	600402.12	(PRC)			601+09.63	928681.68	600694.01	3°20'39" Rt	0°34'23"	10000.00	583.64	291.90	4.26
PI	20077	616+62.08	928691.97	602246.43															
Curve	125				645+79.31	928766.01	605162.72	643+27.26	928759.62	604910.75	648+31.30	928762.64	605414.75	2°13'20" Rt	0°26'27"	13000.00	504.04	252.05	2.44
Curve	126				650+86.31	928759.23	605669.74	(PRC)			653+41.26	928765.81	605924.66	2°14'51" Lt	0°26'27"	13000.00	509.95	255.01	2.50
PI	670	669+90.00	928808.41	607572.85															
PI	20083	684+01.05	928836.06	608983.64															
Curve	127				724+29.92	928875.52	613012.31	716+67.84	928868.05	612250.26	731+09.62	928333.53	613548.05	45°53'37" Rt	3°10'59"	1800.00	1441.79	762.08	154.68
End (POE)	20087	738+01.87	927841.21	614034.69															

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

CURVE DATA TABLE

SHEET G38

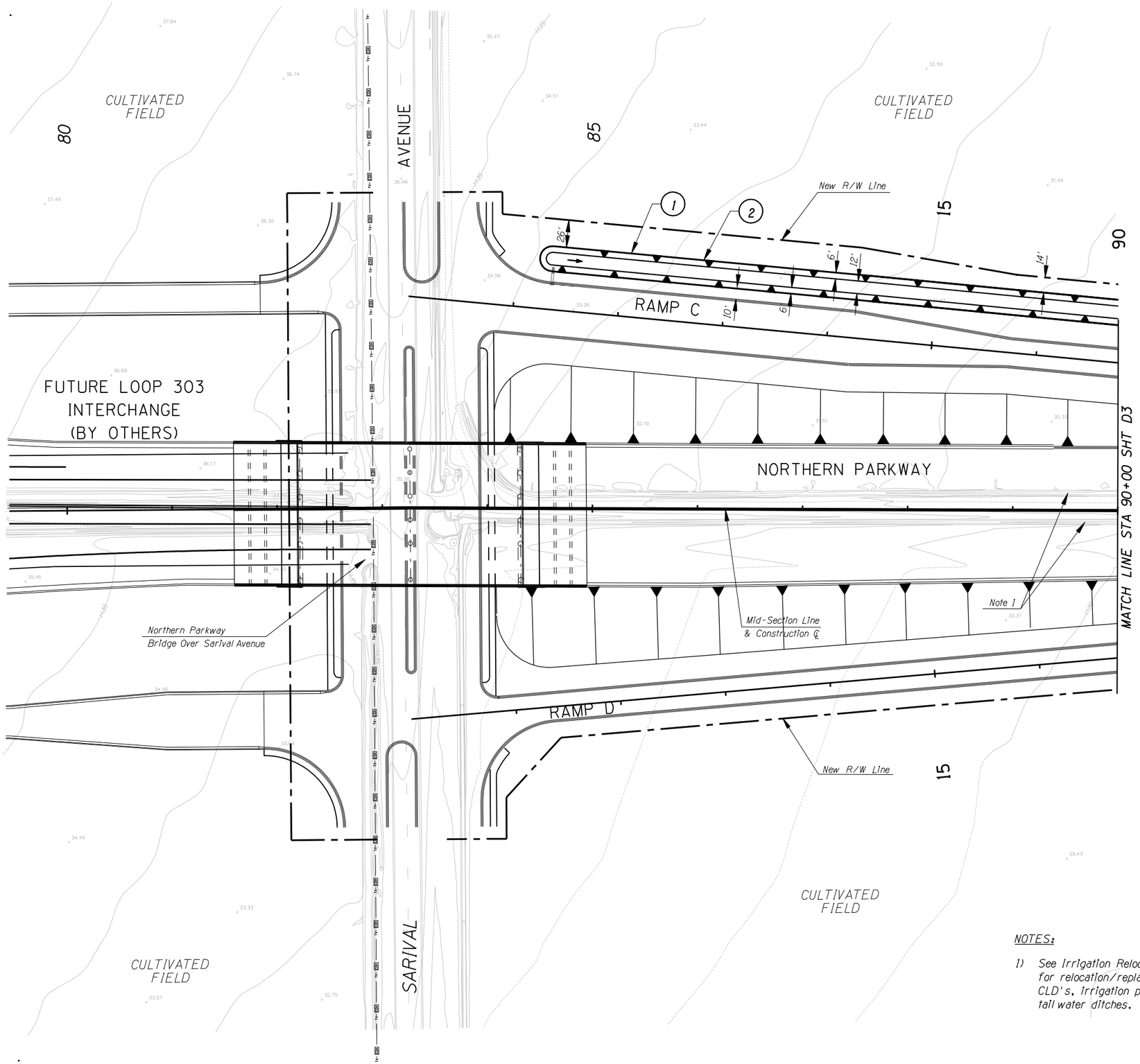
TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 10:16:28 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\UltimateTT108geo01.dgn

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

☐ **REMOVAL /RELOCATE** ☐



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

○ **CONSTRUCTION** ○

1. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 2:1 Slideslope
2. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced

NOTES:

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

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

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

DRAINAGE PLAN SHEETS
STA 80+00 TO 90+00

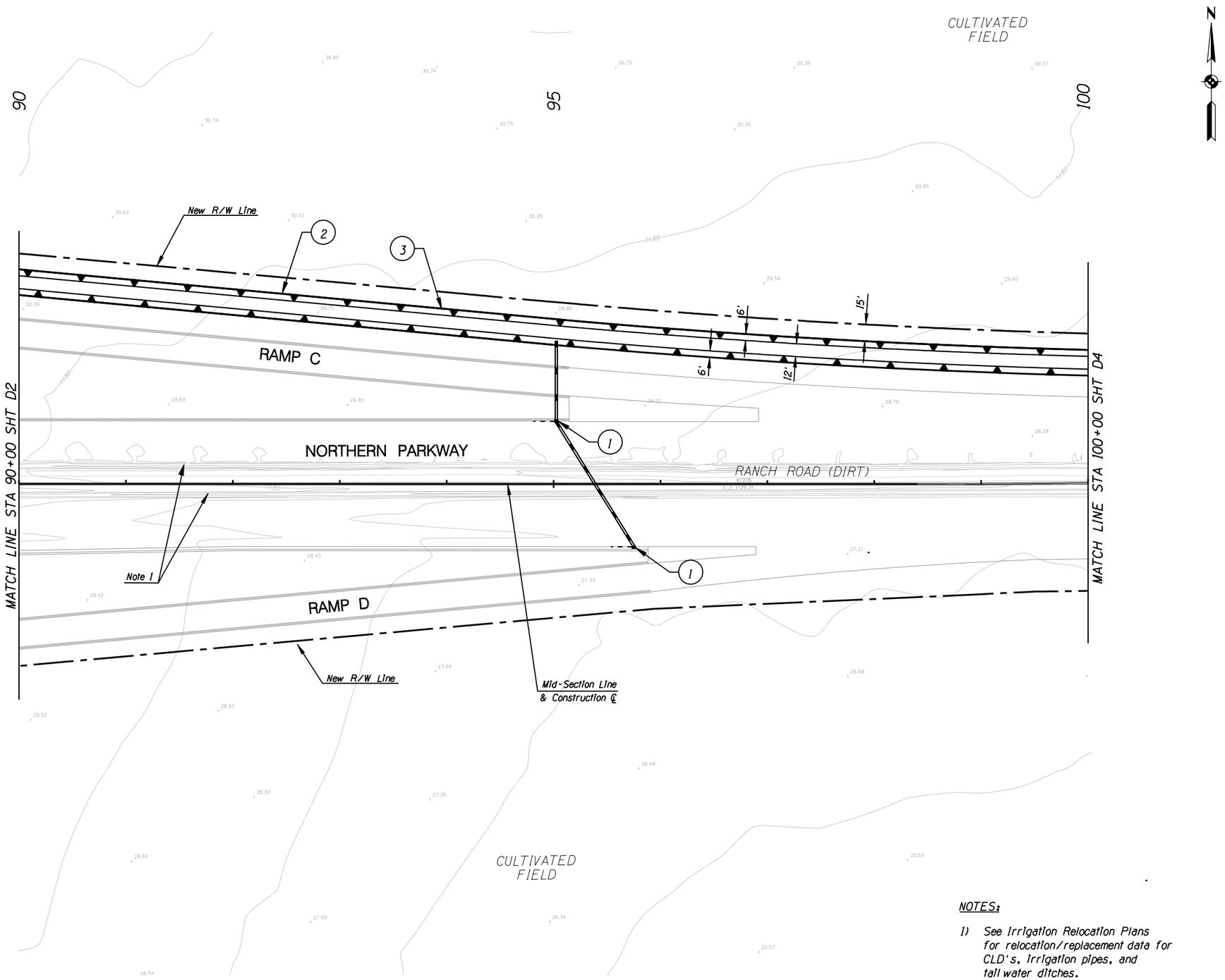
SHEET D2

English

5/28/2009
p:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan02.dgn

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

☐ **REMOVAL /RELOCATE** ☐



CONSTRUCTION

1. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
2. Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 2:1 SS
3. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

DRAINAGE PLAN SHEET
STA 90+00 TO STA 100+00

SHEET D3

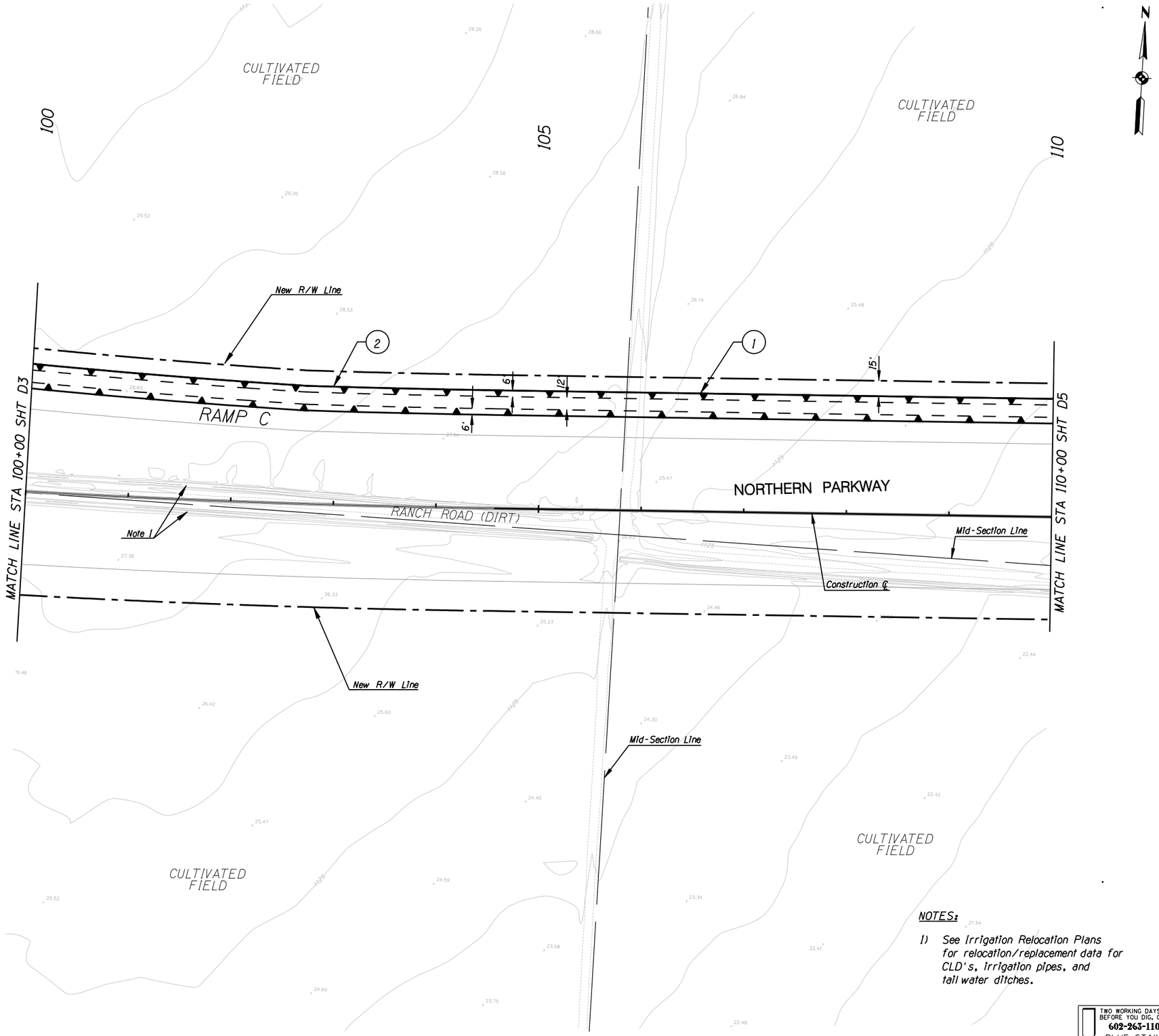
TRACS NO. 0000 MA MMA SS593 01C

English

5/28/2009
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan03.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **CONSTRUCTION** ○

1. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 6' Depth, 2:1 SS
2. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

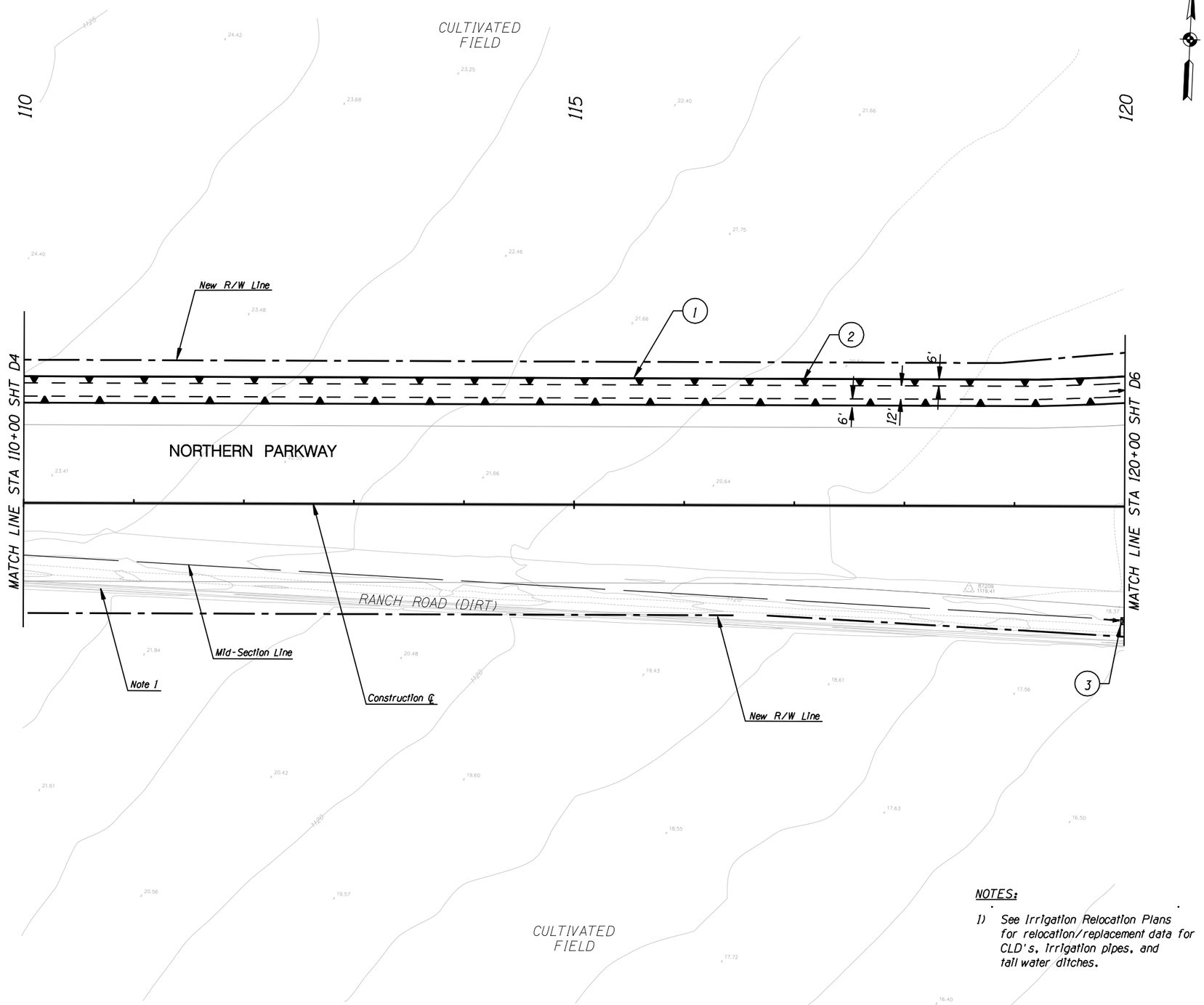
URS

DRAINAGE PLAN SHEET
STA 100+00 TO STA 110+00

SHEET D4

English

5/28/2009
p:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan04.dgn



NOTES:

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

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

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

☐ REMOVAL /RELOCATE ☐

○ CONSTRUCTION ○

1. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 2:1 SS
2. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
3. New 24" Storm Drain w/ New Area Catch Basin MAG Std Det 535, Type F

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

DRAINAGE PLAN SHEET
STA 110+00 TO STA 120+00

SHEET D5

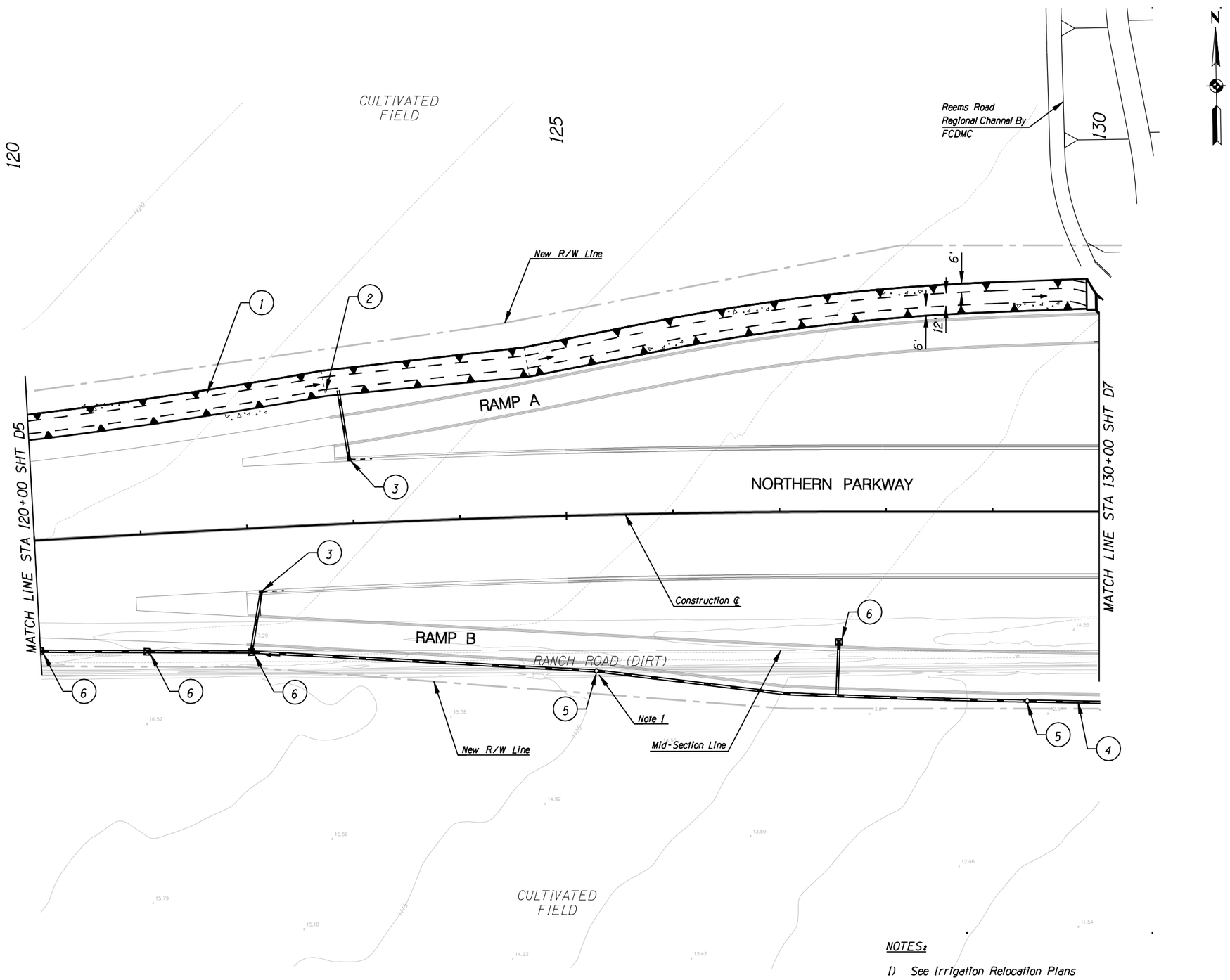
TRACS NO. 0000 MA MMA SS593 01C

English

5/28/2009
p:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan05.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **CONSTRUCTION** ○

1. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 2:1 SS
2. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
3. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
4. New 24" Storm Drain
5. New Storm Drain Manhole
6. New 24" Storm Drain w/ New Area Catch Basin, MAG Std Det 535

NO.	REVISION	BY	DATE
3			
2			
1			

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 120+00 TO STA 130+00

SHEET D6

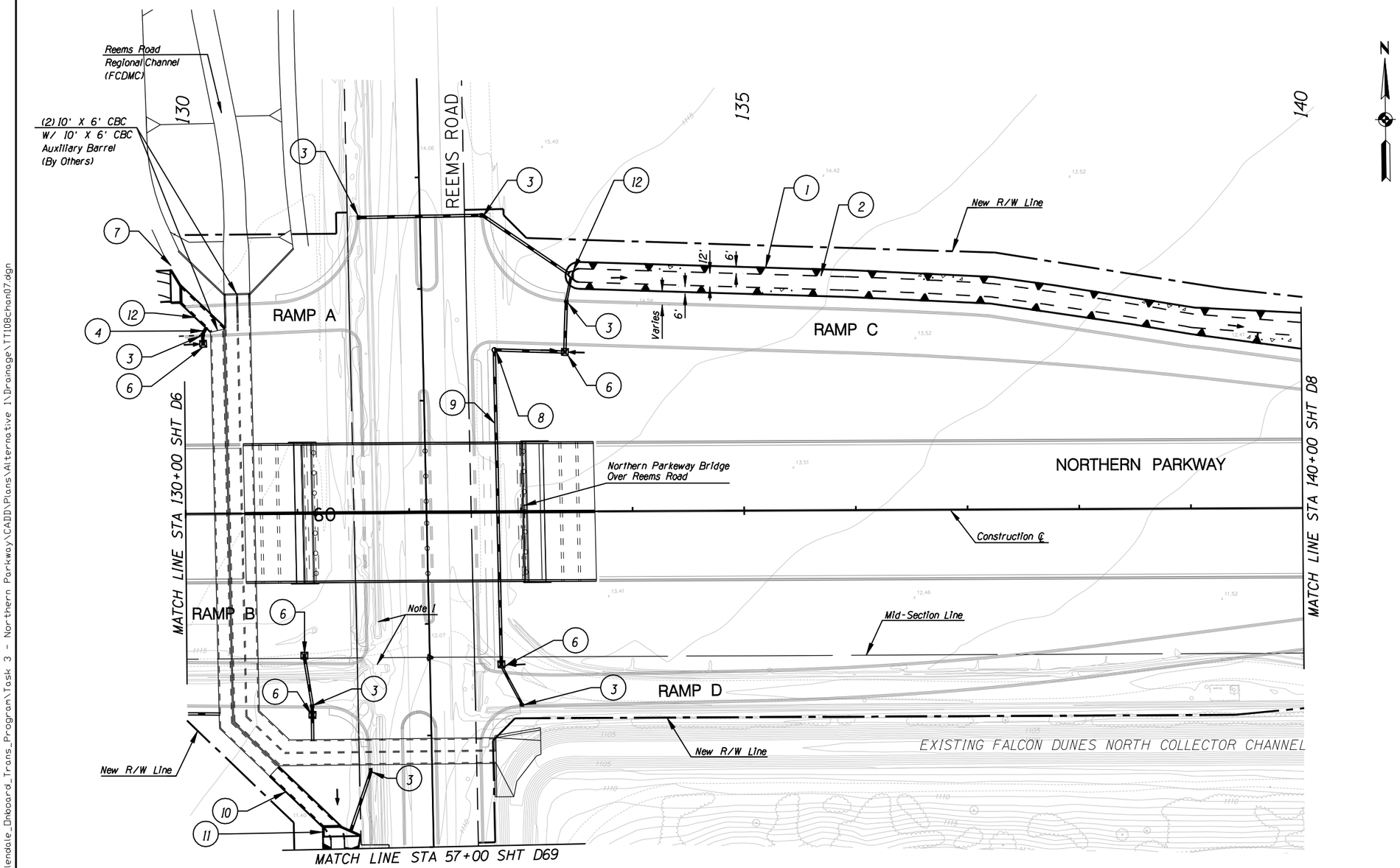
TRACS NO. 0000 MA MMA SS593 01C

English

5/28/2009
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan06.dgn

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

☐ **REMOVAL /RELOCATE** ☐



CONSTRUCTION

1. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 2:1 SS
2. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
3. New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
4. New 30" Storm Drain Discharge Through CBC Barrel Wall
6. New Area Catch Basin with 24" Storm Drain MAG Std Det 535, Type F
7. New CBC Inlet Wingwall per ADOT Std Det B-04.70 Skew-45° Lt, 2:1 SS
8. New Storm Drain Manhole
9. New 24" Storm Drain
10. New 10' x 6' CBC Barrel per ADOT Std Det B-02.10
11. New CBC Outlet Wingwall per ADOT Std Det B-04.50 Skew-45° Lt, 2:1 SS
12. New Pipe Headwall MAG Std Det 501-4

FALCON DUNES
GOLF COURSE &
DETENTION BASIN

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

DRAINAGE PLAN SHEET
STA 130+00 TO STA 140+00

SHEET D7

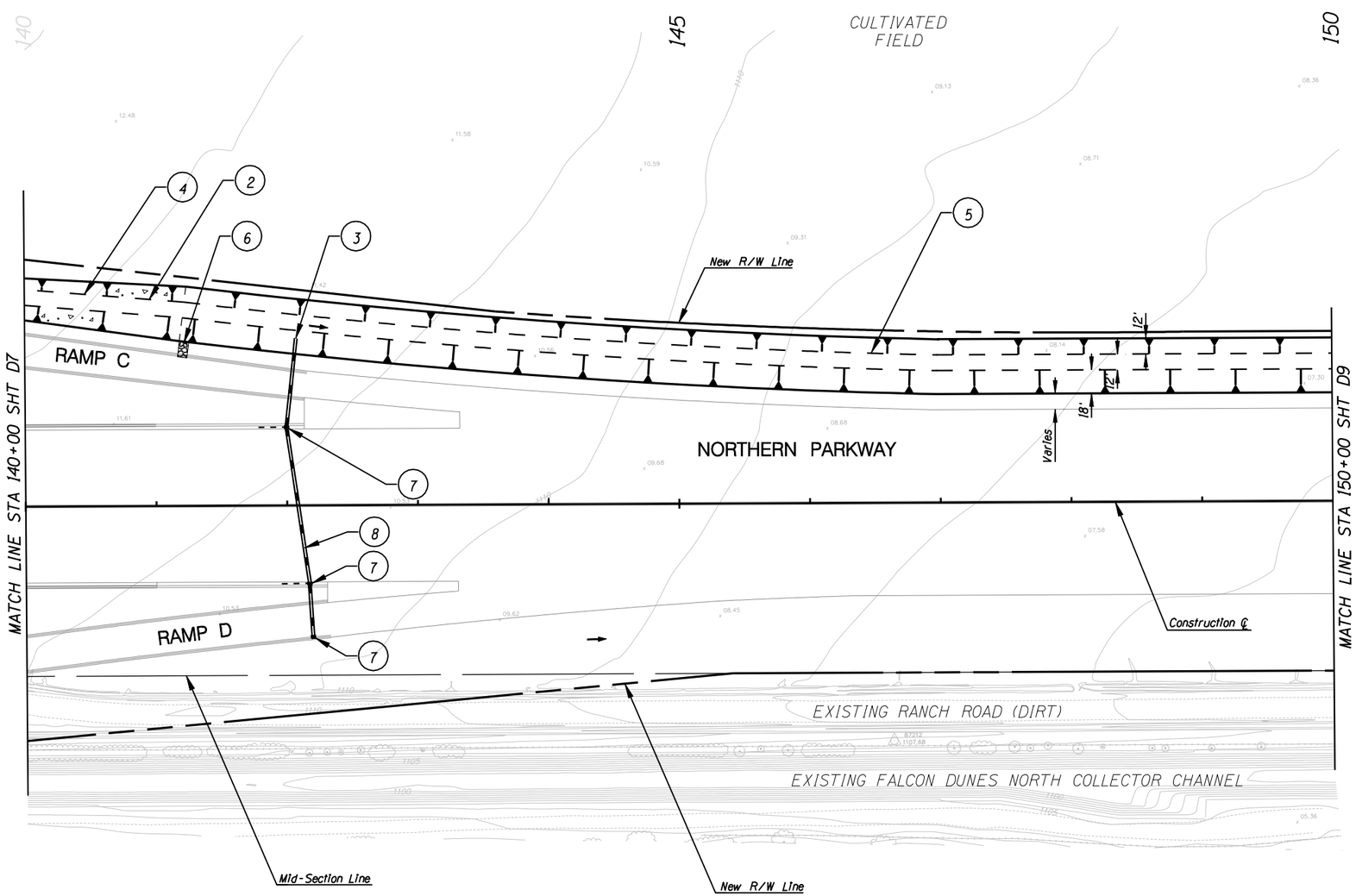
TRACS NO. 0000 MA MMA SS593 01C

English

5/29/2009
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan07.dgn

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

☐ **REMOVAL /RELOCATE** ☐



FALCON DUNES
GOLF COURSE &
DETENTION BASIN

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

○ **CONSTRUCTION** ○

1. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 2:1 SS
2. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
3. New 30" Storm Drain
4. Channel Excavation for Channel Transition 12' Bottom Width, 3' Depth End 2:1 SS, Begin 6:1 Foreslp, 4:1 Bkslp
5. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth 6:1 Foreslope, 4:1 Backslope
6. New Riprap Spillway
7. New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
8. New 24" Storm Drain

NO.	REVISION	BY	DATE
3			
2			
1			

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 140+00 TO STA 150+00

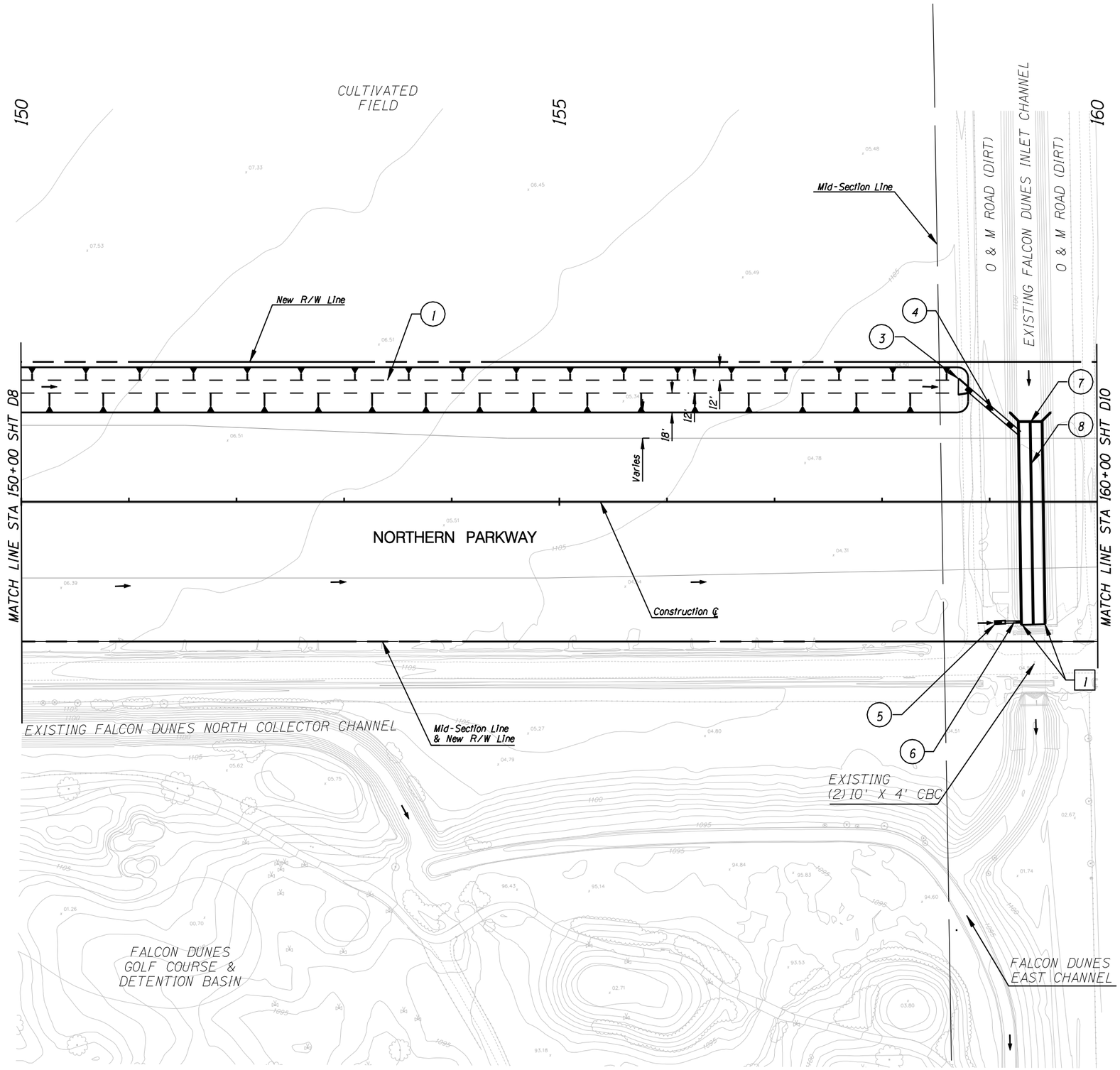
SHEET D8

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan08.dgn

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



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

☐ REMOVAL /RELOCATE ☐

1 Remove Existing Conc Wingwall
Existing Headwall to Remain

○ CONSTRUCTION ○

1. Channel Excavation for Trapezoidal Channel
   12' Bottom Width, 3' Depth
   6:1 Foreslope, 4:1 Backslope
3. New Pipe Inlet Headwall
   per ADOT Std Det B-11.13
   Skew-30°, 4:1 SS
4. New 48" Storm Drain
   Discharge Through CBC Barrel Wall
5. New Catch Basin, Median Dike
   ADOT Std Det C-15.90
6. New 24" Storm Drain
   Discharge Through CBC Barrel Wall
7. New CBC Inlet Wingwall
   per ADOT Std Det B-04.30
   Skew- 0° Lt, 2:1 SS
8. Extend (2)10' x 4' CBC
   per ADOT Std Det B-02.20
   w/ 32 #6 Dowels per ADOT Std Det B-01.11

NO.	REVISION	BY	DATE
3			
2			
1			

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 150+00 TO STA 160+00

SHEET D9

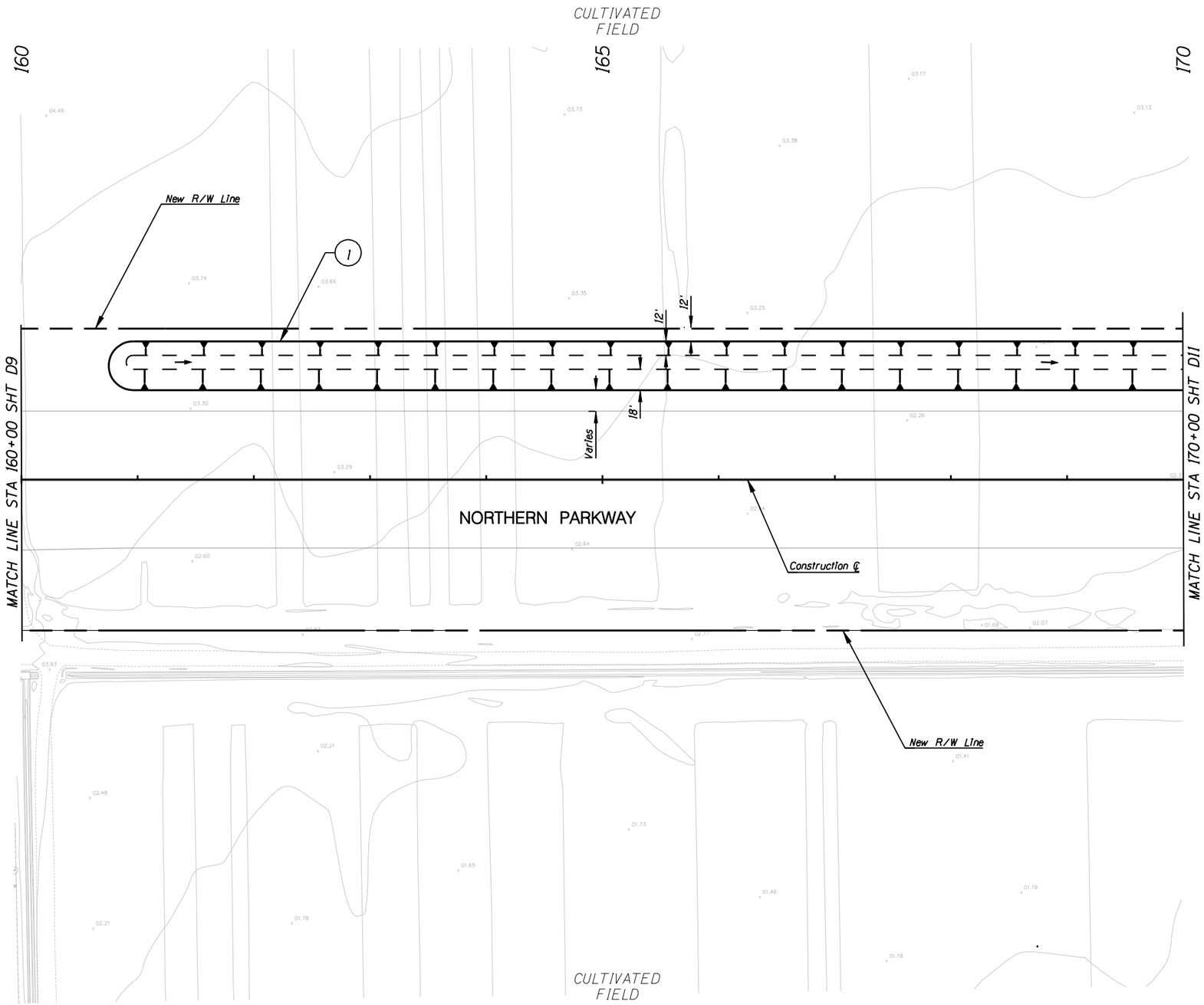
TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan09.dgn

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

☐ **REMOVAL /RELOCATE** ☐



N

○ **CONSTRUCTION** ○

(1) Channel Excavation for Trapezoidal Channel
12' Bottom Width, 3' Depth
6:1 Foreslope, 4:1 Backslope

NO.	REVISION	BY	DATE
3			
2			
1			

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

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

DRAINAGE PLAN SHEET
STA 160+00 TO STA 170+00

SHEET D10

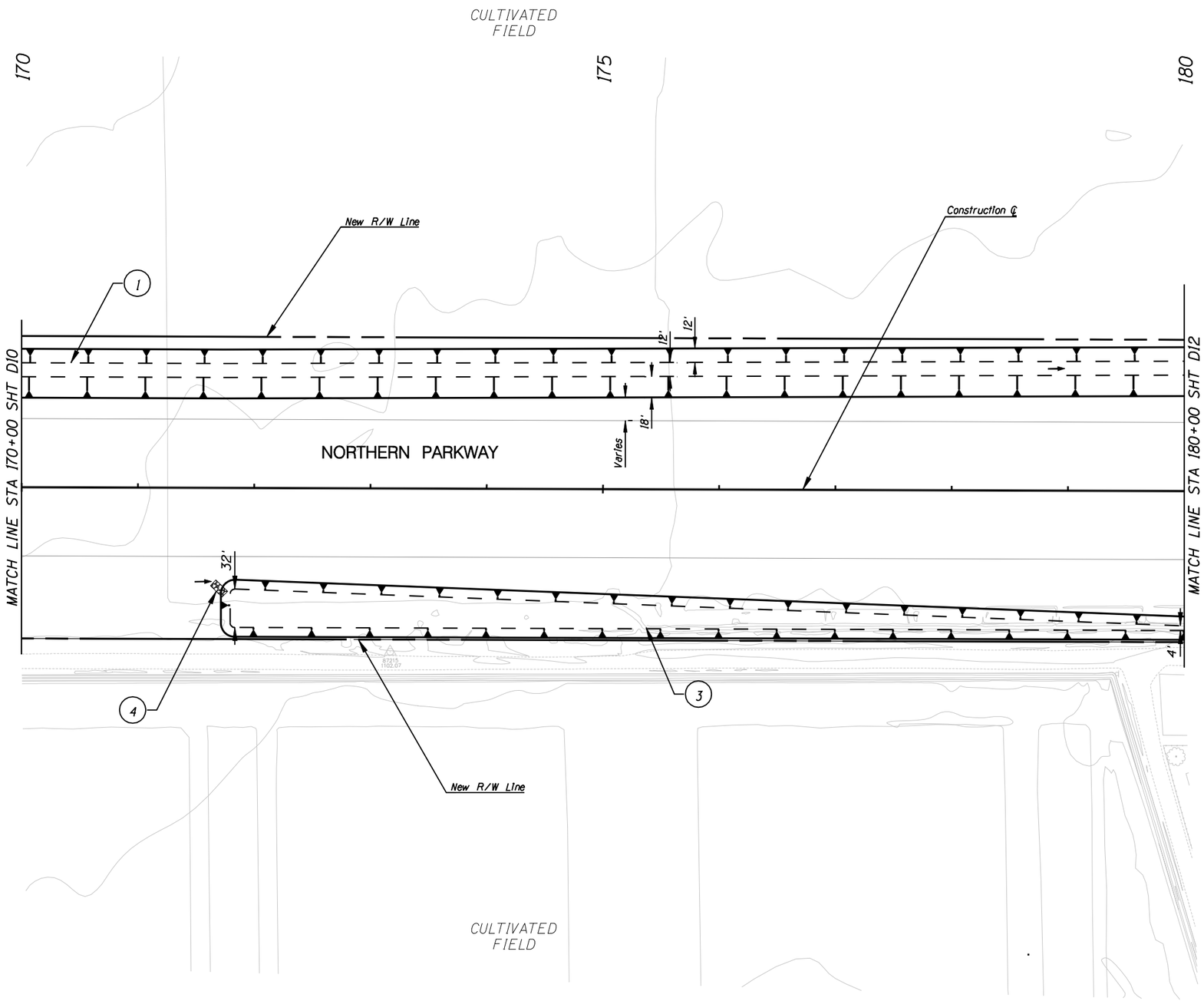
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan10.dgn

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

☐ **REMOVAL /RELOCATE** ☐



N

○ **CONSTRUCTION** ○

1. Channel Excavation for Trapezoidal Channel
   12' Bottom Width, 3' Depth
   6:1 Foreslope, 4:1 Backslope
3. Retention Basin Excavation
   Varying Bottom Width, 1' Depth, 6:1 SS
   w/ Drywell
4. New Riprap Spillway

NO.	REVISION	BY	DATE
3			
2			
1			

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 170+00 TO STA 180+00

SHEET D11

TRACS NO. 0000 MA MMA SS593 01C

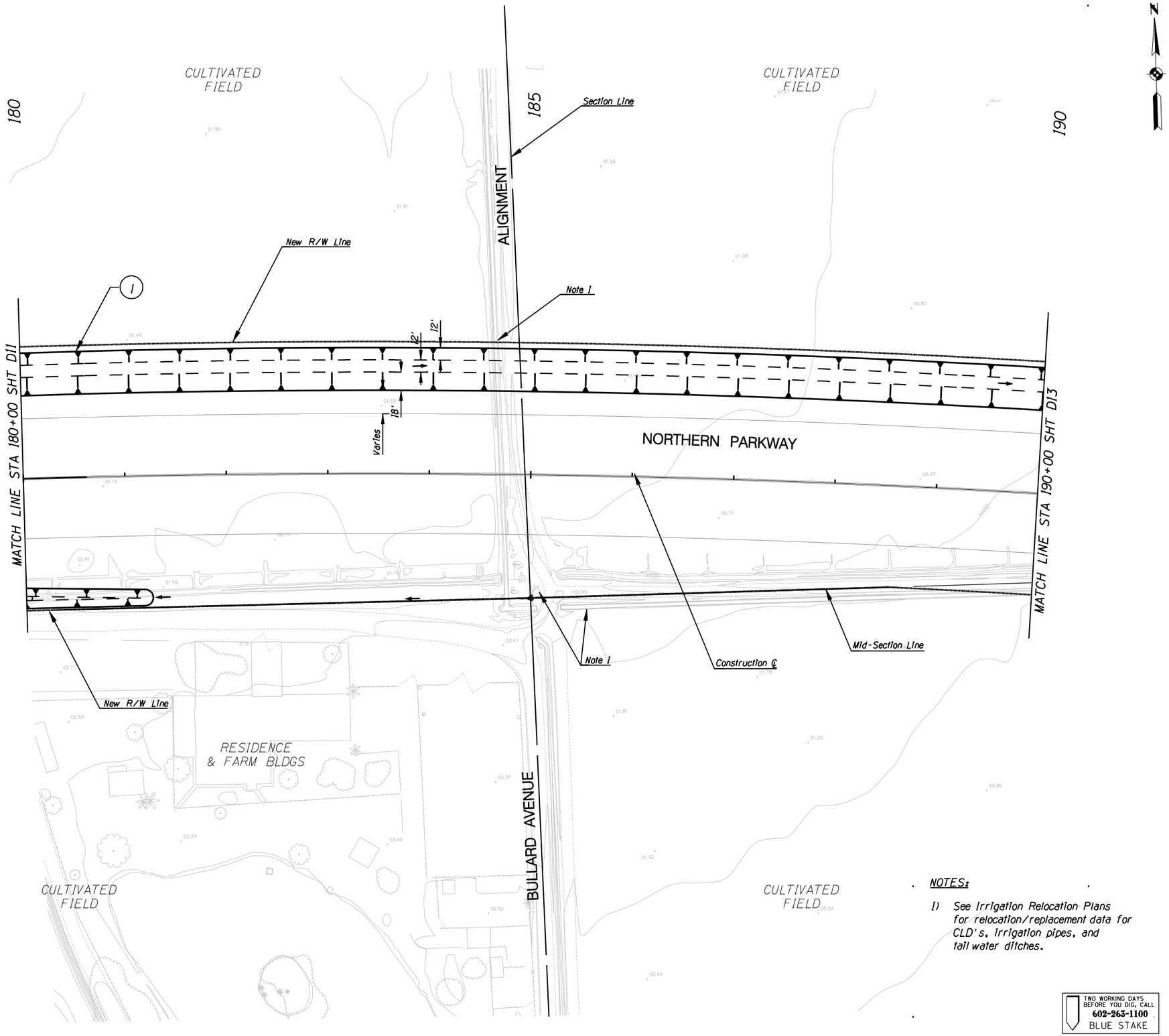
TWO WORKING DAYS BEFORE YOU DIG, CALL
602-263-1100
BLUE STAKE

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108channl1.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **CONSTRUCTION** ○

1. Channel Excavation for Trapezoidal Channel
   12' Bottom Width, 3' Depth
   6:1 Foreslope, 4:1 Backslope
3. Retention Basin Excavation
   V-Ditch, 1' Depth, 6:1 SS

NO.	REVISION	BY	DATE
3			
2			
1			

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 180+00 TO STA 190+00

SHEET D12

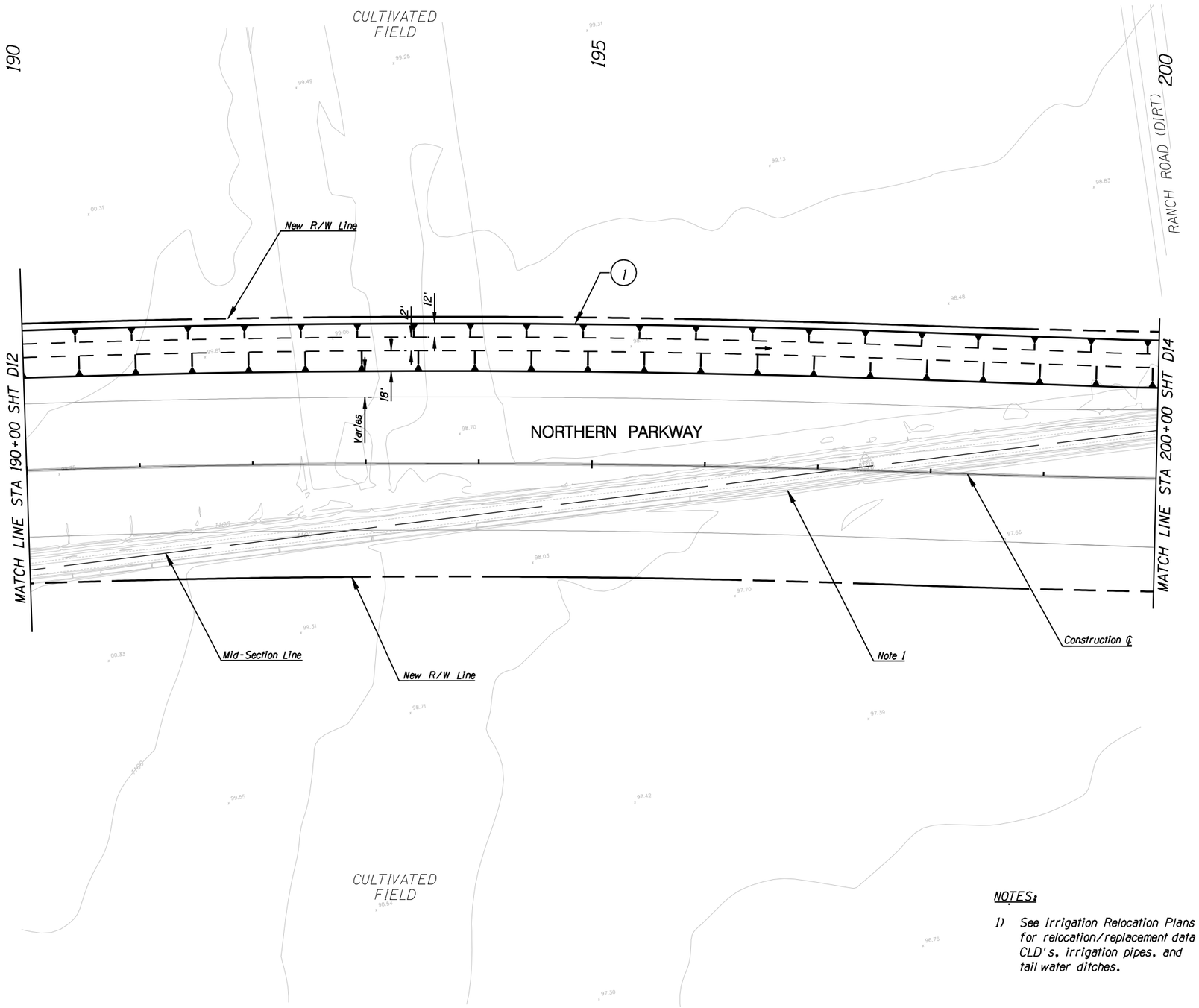
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan12.dgn

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

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

(1) Channel Excavation for Trapezoidal Channel
12' Bottom Width, 3' Depth
6:1 Foreslope, 4:1 Backslope

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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 190+00 TO STA 200+00

SHEET D13

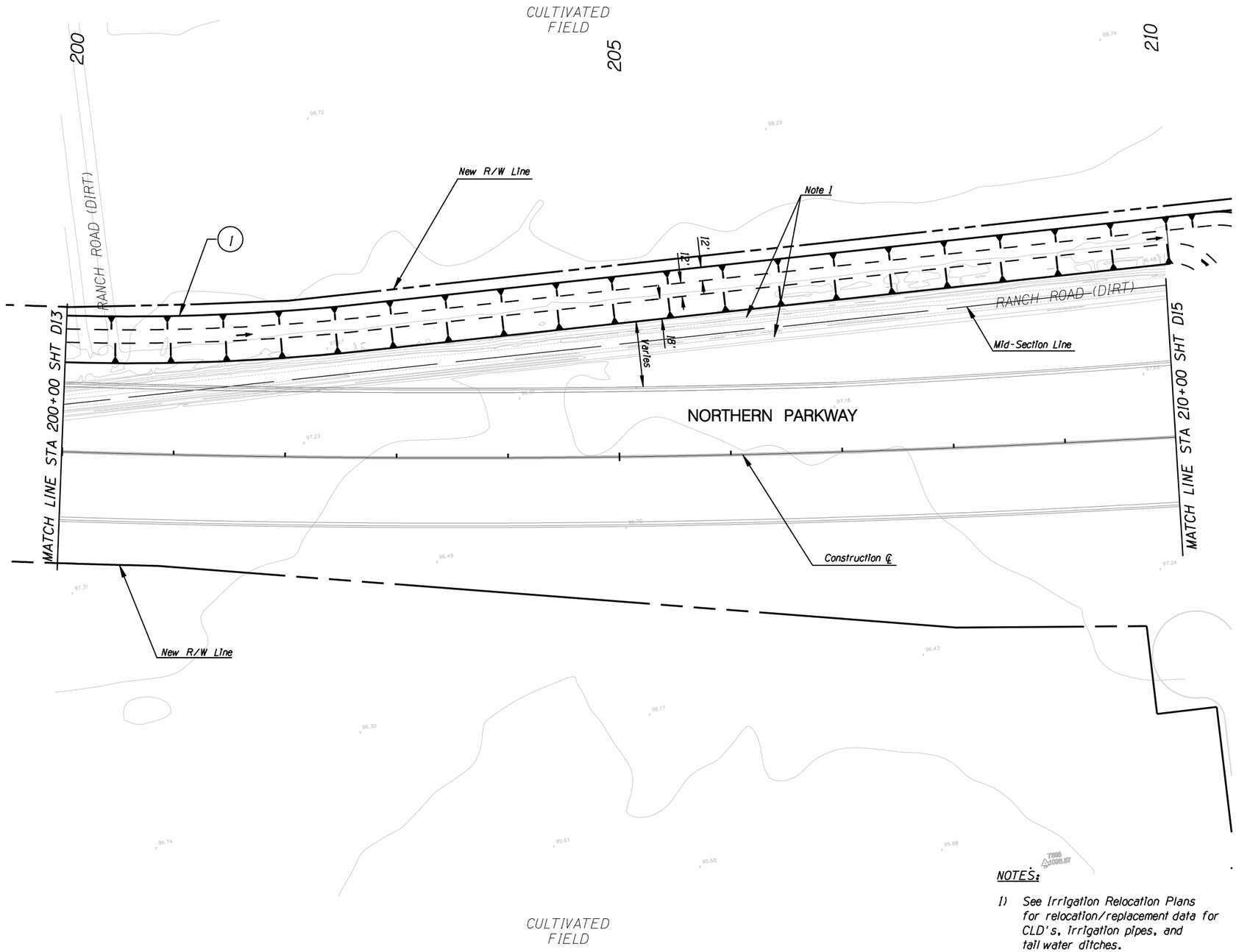
TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan13.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **CONSTRUCTION** ○

(1) Channel Excavation for Trapezoidal Channel
12' Bottom Width, 3' Depth
6:1 Foreslope, 4:1 Backslope

NO.	REVISION	BY	DATE
3			
2			
1			

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 200+00 TO STA 210+00

SHEET D14

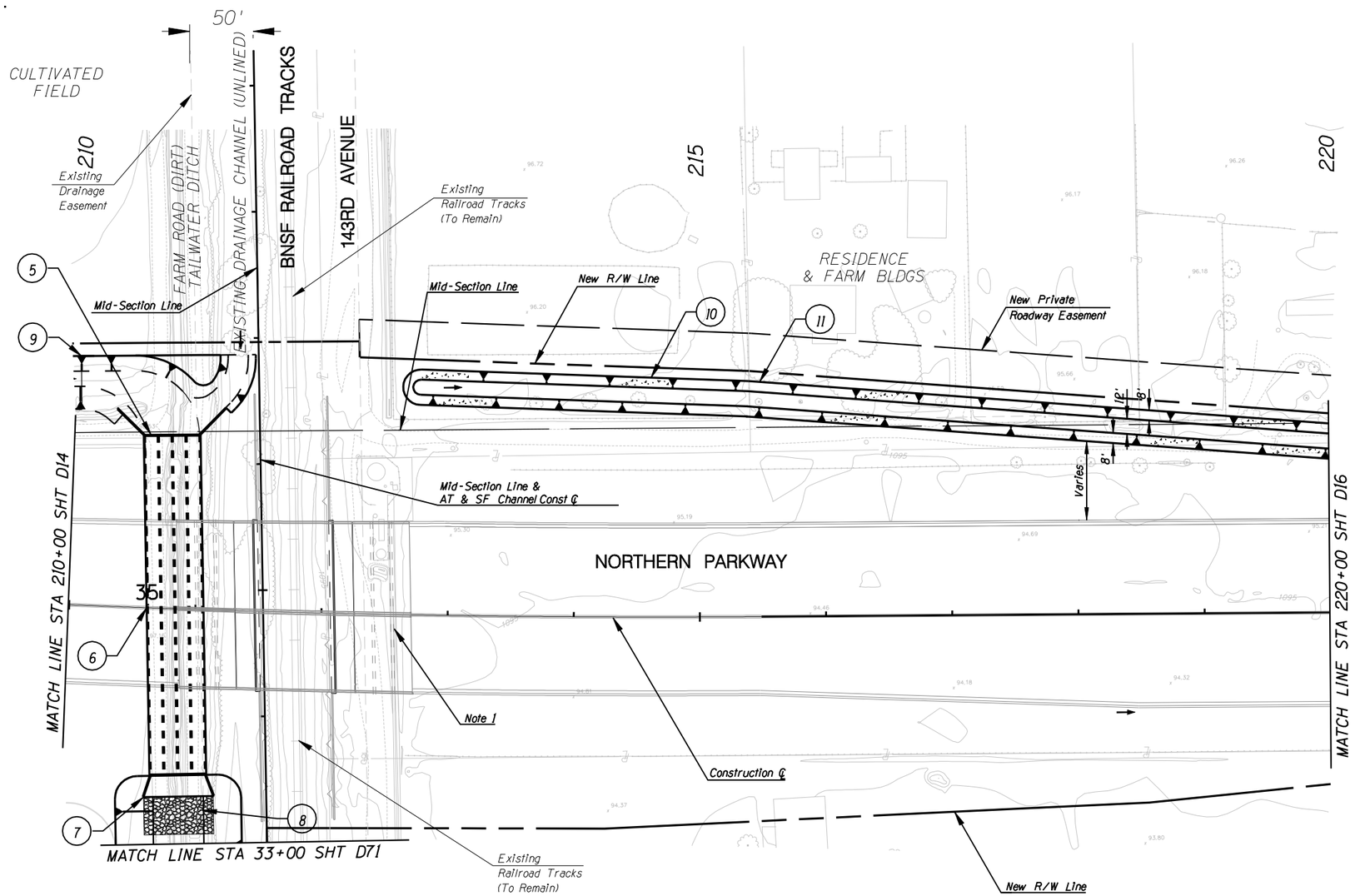
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan14.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **CONSTRUCTION** ○

(5) New CBC Inlet Wingwall per ADOT Std Det B-04.30 Skew-0°, 4:1 SS

(6) New (4) 10' x 5' CBC per ADOT Std Det B-02.45

(7) New CBC Outlet Wingwall per ADOT Std Det B-04.10 Skew-0°, 4:1 SS

(8) New Dumped Riprap Erosion Protection Apron

(9) Channel Excavation for Trapezoidal Channel Varying Bottom Width, 3' Depth 6:1 Foreslope, 4:1 Backslope

(10) Excavation for Trapezoidal Channel 12' Bottom Width 4' Depth, 2:1 SS

(11) New Concrete Channel Bank Lining, 6"Thick Steel Reinforcement

NO.	REVISION	BY	DATE
3			
2			
1			

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 210+00 TO STA 220+00

SHEET D15

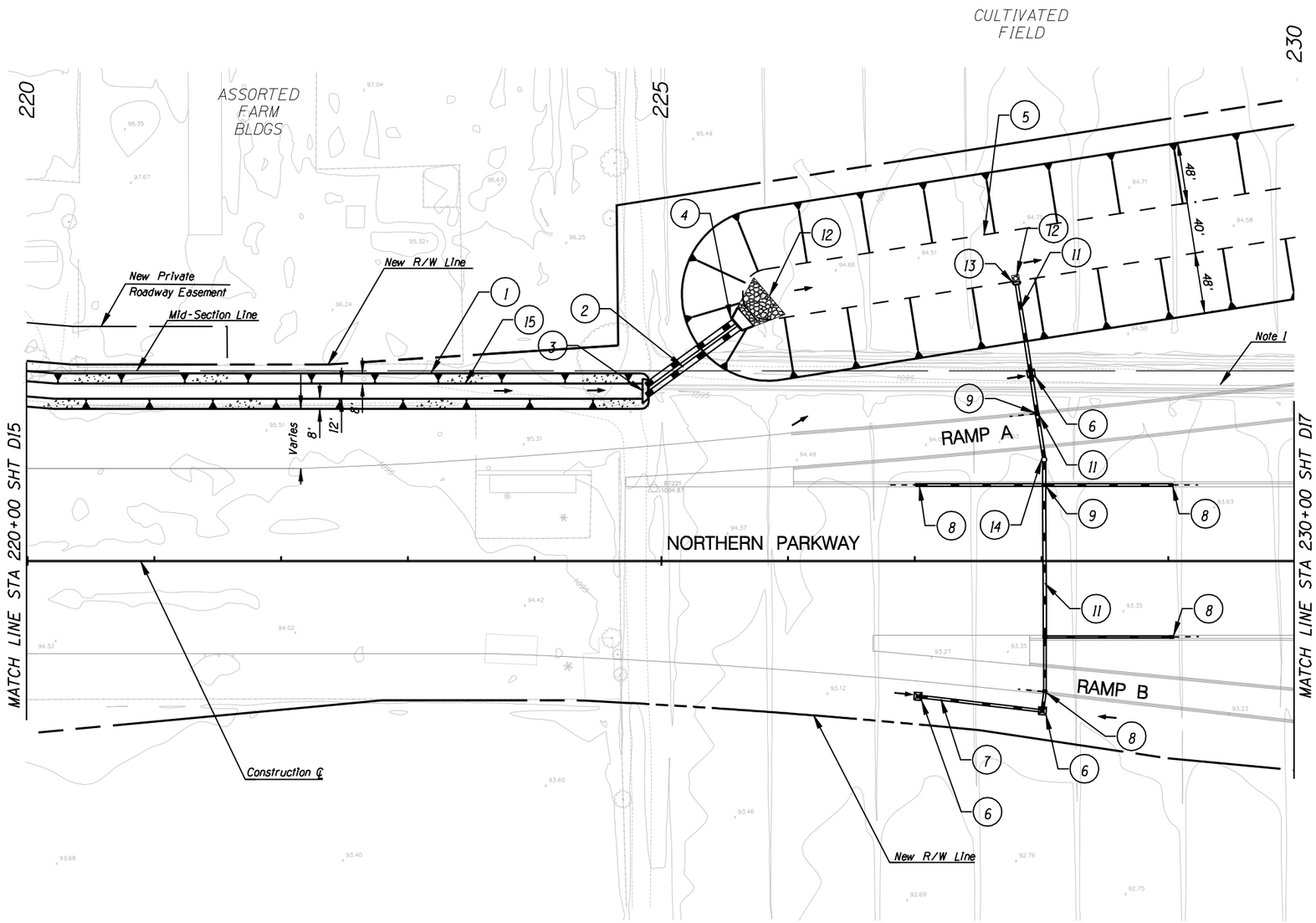
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan15.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **CONSTRUCTION** ○

1. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 4' Depth, 2:1 SS
2. New (2) 48" Storm Drain
3. New Pipe Inlet Headwall (Double) Per ADOT Std Det B-11, 13 Skew-15°, 4:1 SS
4. New Pipe Outlet Headwall (Double) Per ADOT Std Det B-11, 12, 4:1 SS
5. Excavation for Detention Basin 12' Depth, 4:1 SS
6. New Area Catch Basin MAG Std Det 535, Type F
7. New 24" Storm Drain
8. New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
9. New Catch Basin MAG Std Det 533-2 and 40' Slotted Drain
10. New Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
11. New 30" Storm Drain
12. New Dumped Riprap Erosion Protection Area
13. New Pipe Headwall per MAG Std Det 501-4
14. New Storm Drain Manhole
15. New Concrete Channel Bank Lining 6" Thick, Steel Reinforcement

NO.	REVISION	BY	DATE
3			
2			
1			

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 220+00 TO STA 230+00

SHEET D16

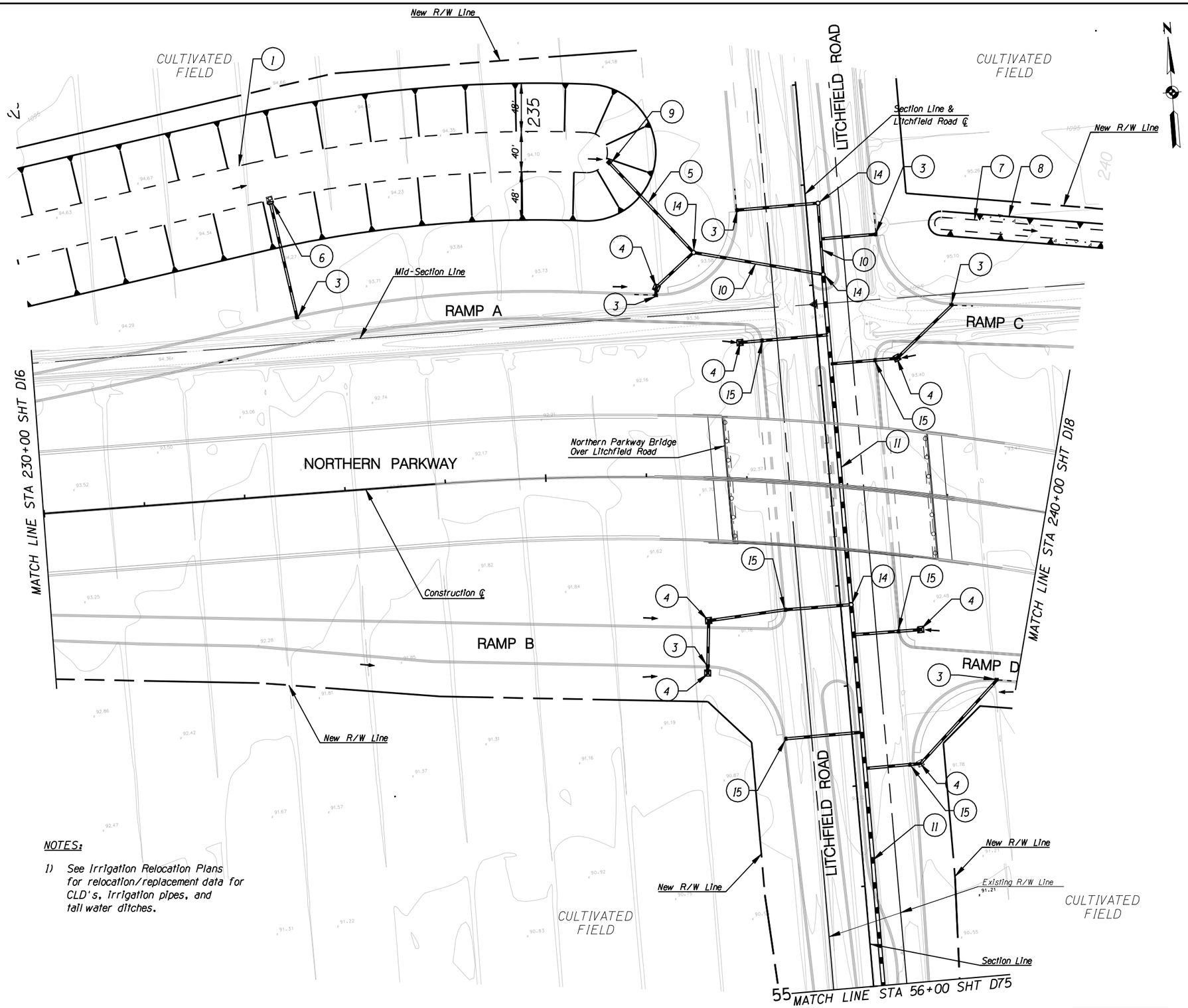
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan16.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **CONSTRUCTION** ○

1. Excavation for Retention Basin 12' Depth, 4:1 SS
3. New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
4. New Area Catch Basin MAG Std Det 535, Type F
5. New 24" Storm Drain Bleedoff for Retention Basin
6. New Pipe Headwall MAG Std Det 501-4
7. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 2:1 SS
8. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
9. New Bleedoff Structure
10. New 24" Storm Drain
11. New 42" Storm Drain
14. New Storm Drain Manhole
15. New 24" Storm Drain w/ Catch Basin Mag Std Det 533-2

NO.	REVISION	BY	DATE
3			
2			
1			

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 230+00 TO STA 240+00

SHEET D17

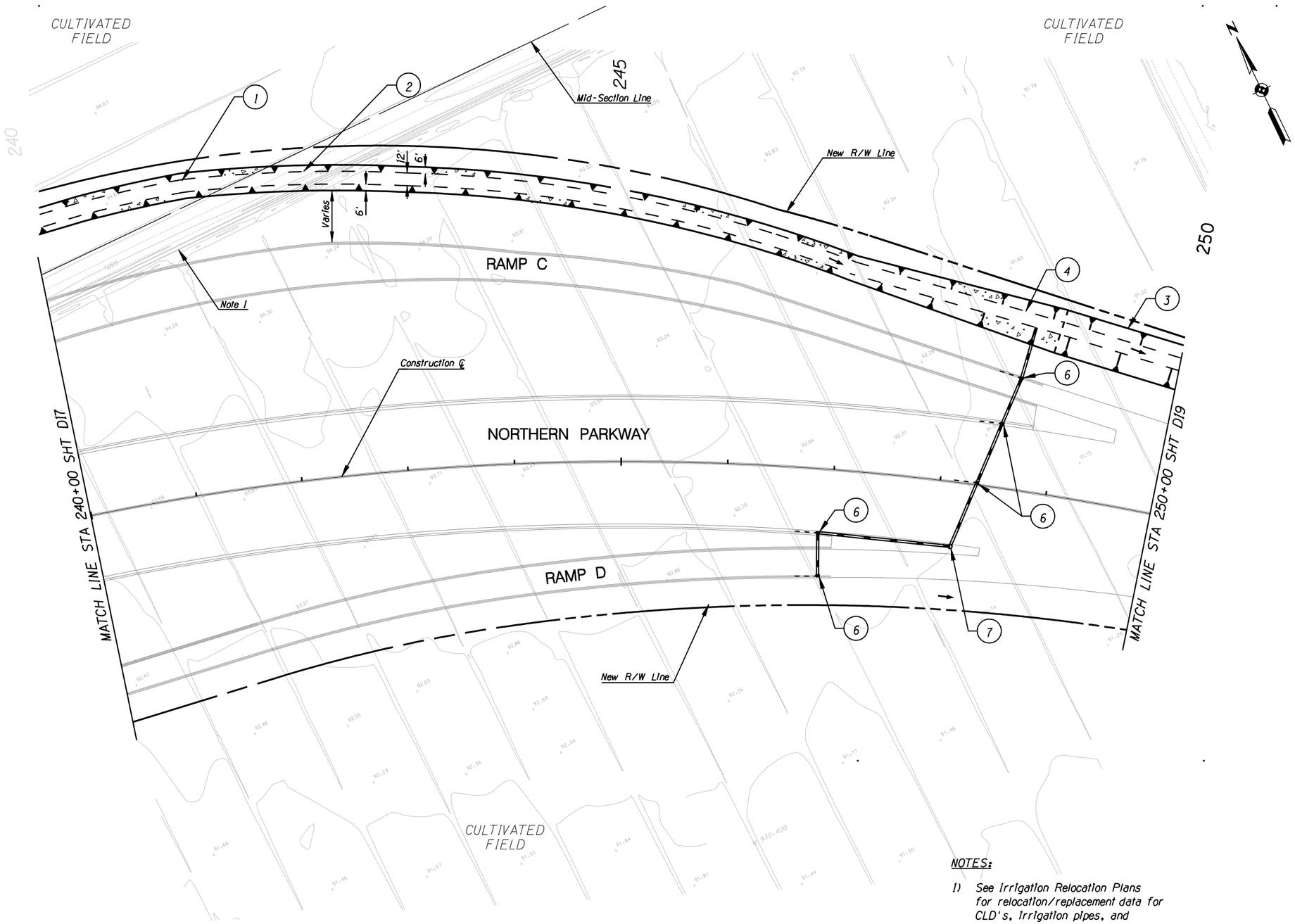
TRACS NO. 0000 MA MMA SS593 OIC

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan17.dgn

English

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

○ **CONSTRUCTION** ○

1. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 2:1 SS
2. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
3. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth 6:1 Foreslope, 4:1 Backslope
4. Channel Excavation for Channel Transition 12' Bottom Width, 3' Depth Begin 2:1 SS, End 6:1 Foreslope, 4:1 Backslope
6. New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
7. New Storm Drain Manhole

NO.	REVISION	BY	DATE
3			
2			
1			

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

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

DRAINAGE PLAN SHEET
STA 240+00 TO STA 250+00

SHEET D18

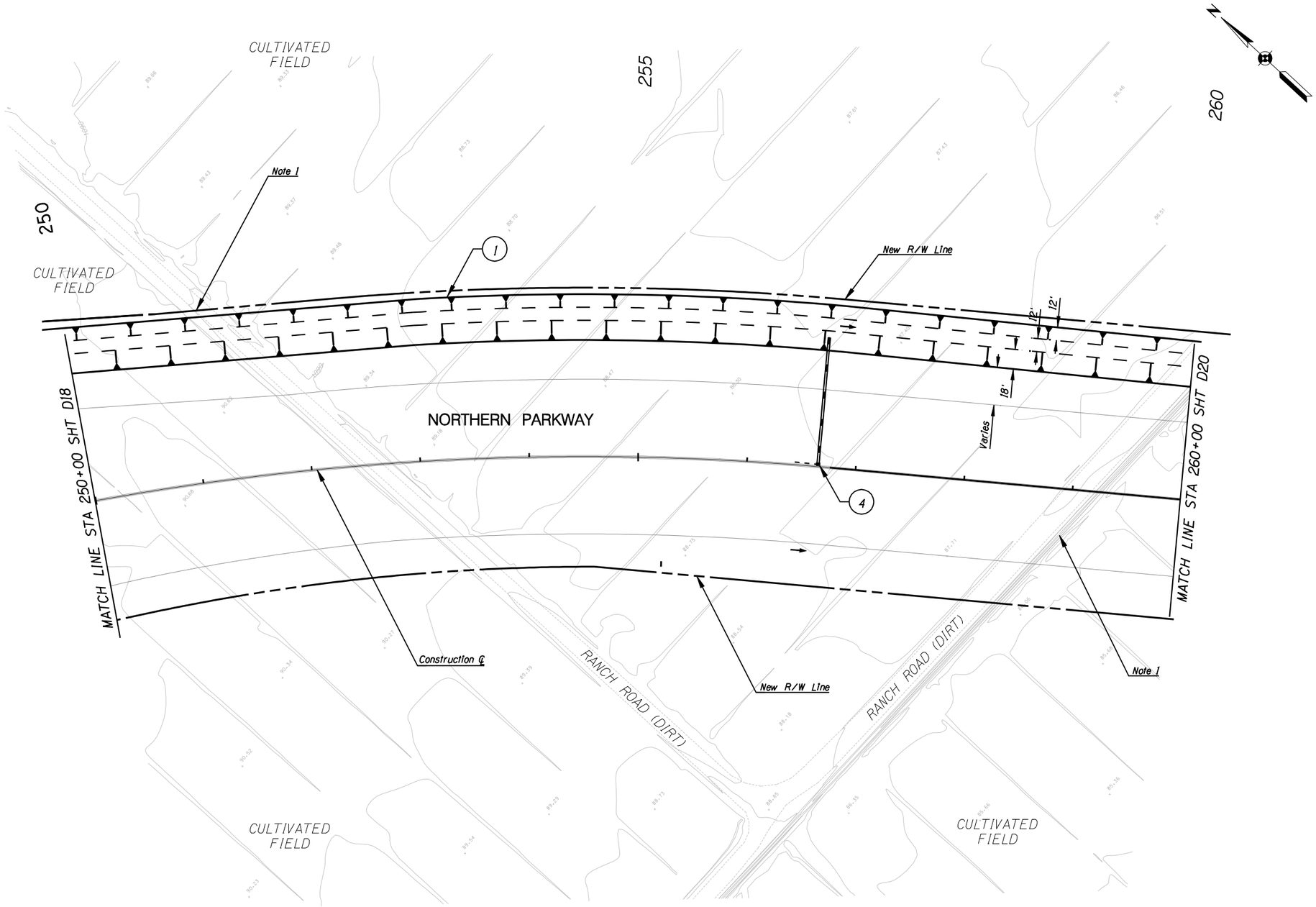
TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan18.dgn

English

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

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

(1) Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 6:1 Foreslope, 4:1 Backslope

(4) New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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 250+00 TO STA 260+00

SHEET D19

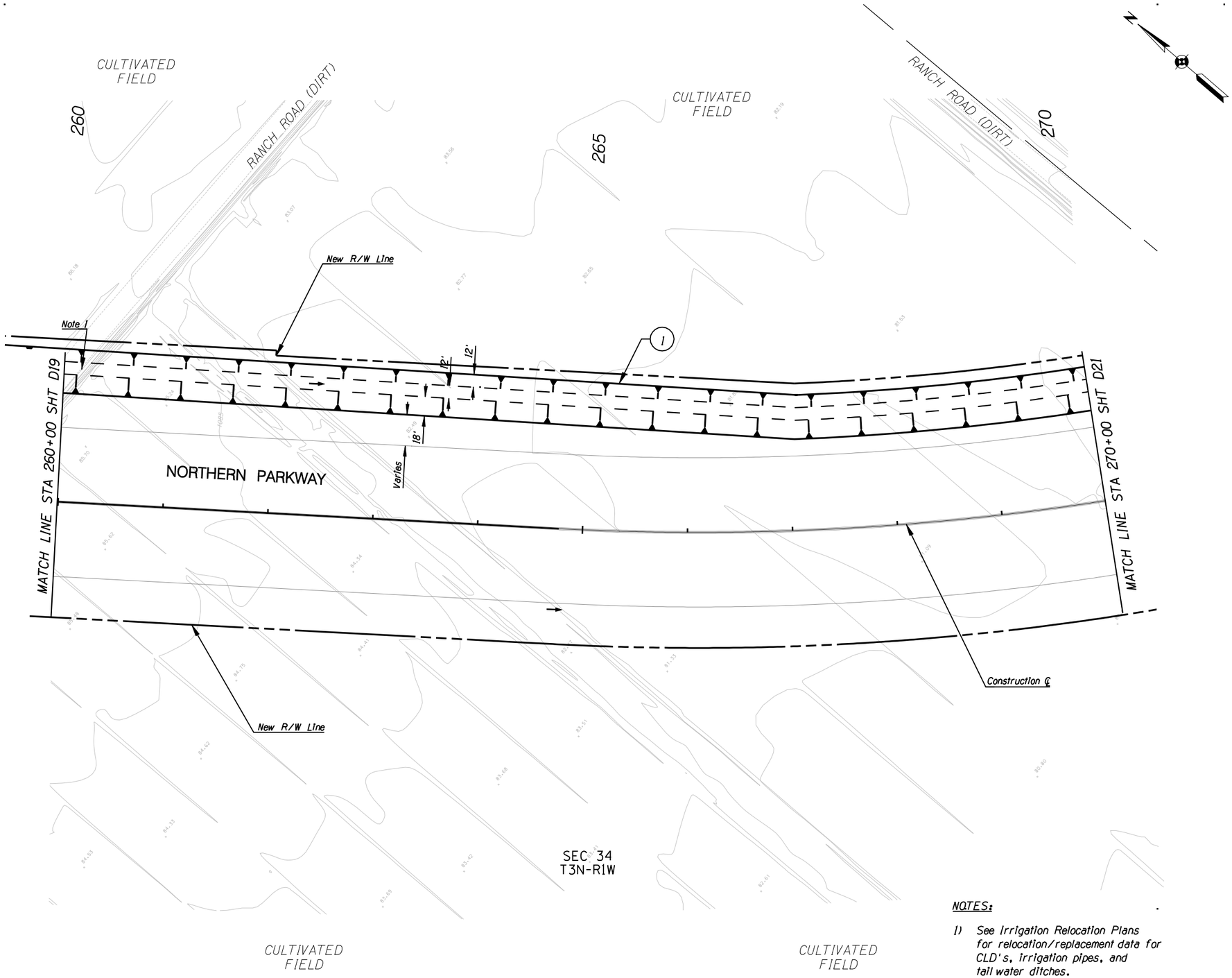
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan19.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **CONSTRUCTION** ○

(1) Channel Excavation for Trapezoidal Channel
12' Bottom Width, 3' Depth
6:1 Foreslope, 4:1 Backslope

NO.	REVISION	BY	DATE
3			
2			
1			

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 260+00 TO STA 270+00

SHEET D20

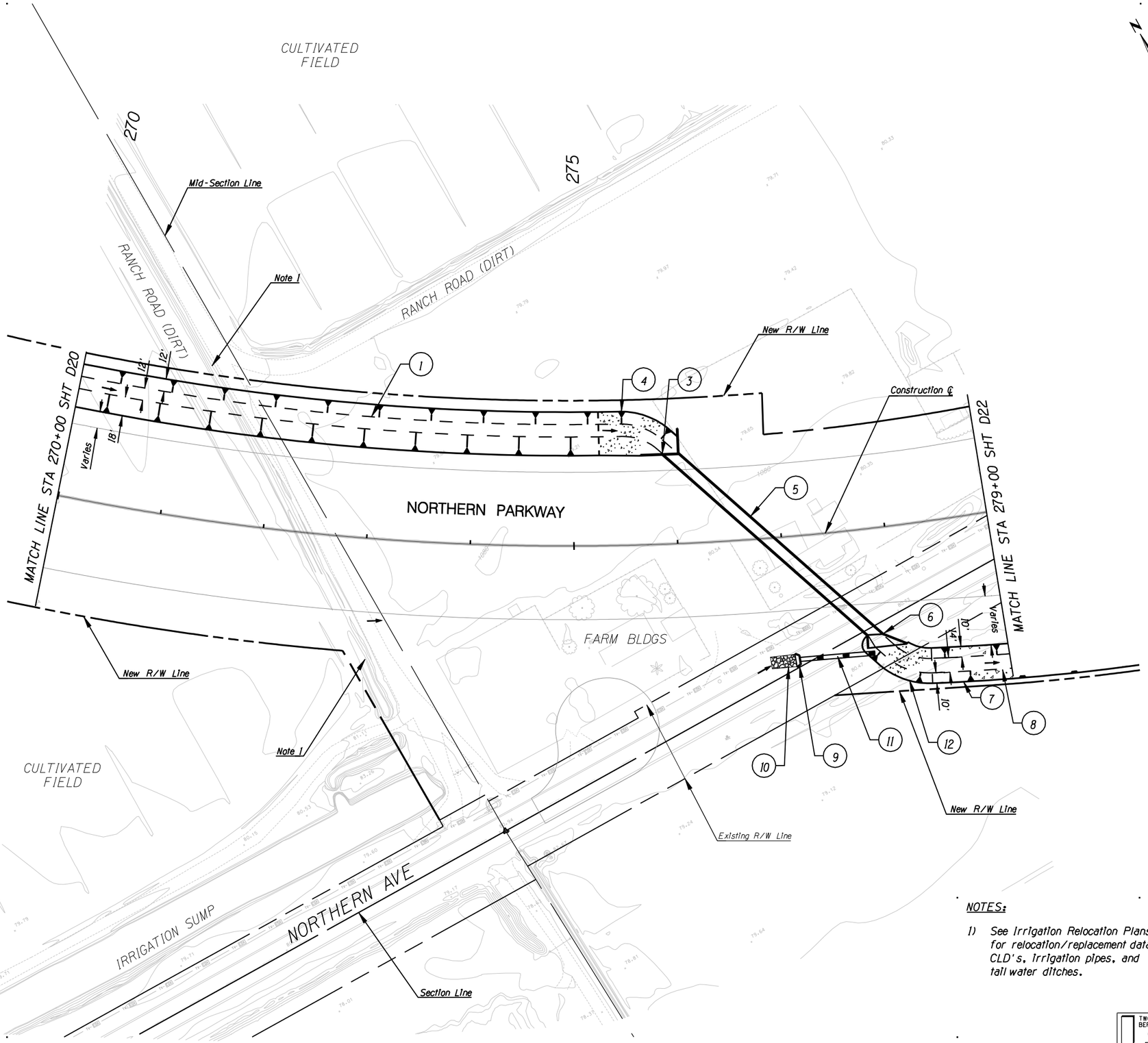
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan20.dgn

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

☐ **REMOVAL /RELOCATE** ☐



CONSTRUCTION

1. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3' Depth, 6:1 Foreslope, 4:1 Backslope
3. New CBC Inlet Wingwall Level Wing ADOT Std Det B-08.10
4. New Concrete Channel Transition Start 6:1 Foreslope, End Vertical
5. New 10' X 4' CBC per ADOT Std Det B-02.20 Skew 45°
6. New CBC Outlet Wingwall per ADOT Std Det B-04.50 Skew 45°, 2:1 SS
7. Channel Excavation for Trapezoidal Channel 14' Bottom Width, 5' Depth, 2:1 SS
8. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
9. New Pipe Inlet Headwall per MAG Std Det 501-4
10. New Dumped RipRap Apron 2' Thick, D50=12"
11. New 48" Storm Drain
12. New Concrete Apron Around Curved Section

NOTES:

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

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

NO.	REVISION	BY	DATE
1			
2			
3			

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 270+00 TO STA 279+00

SHEET D21

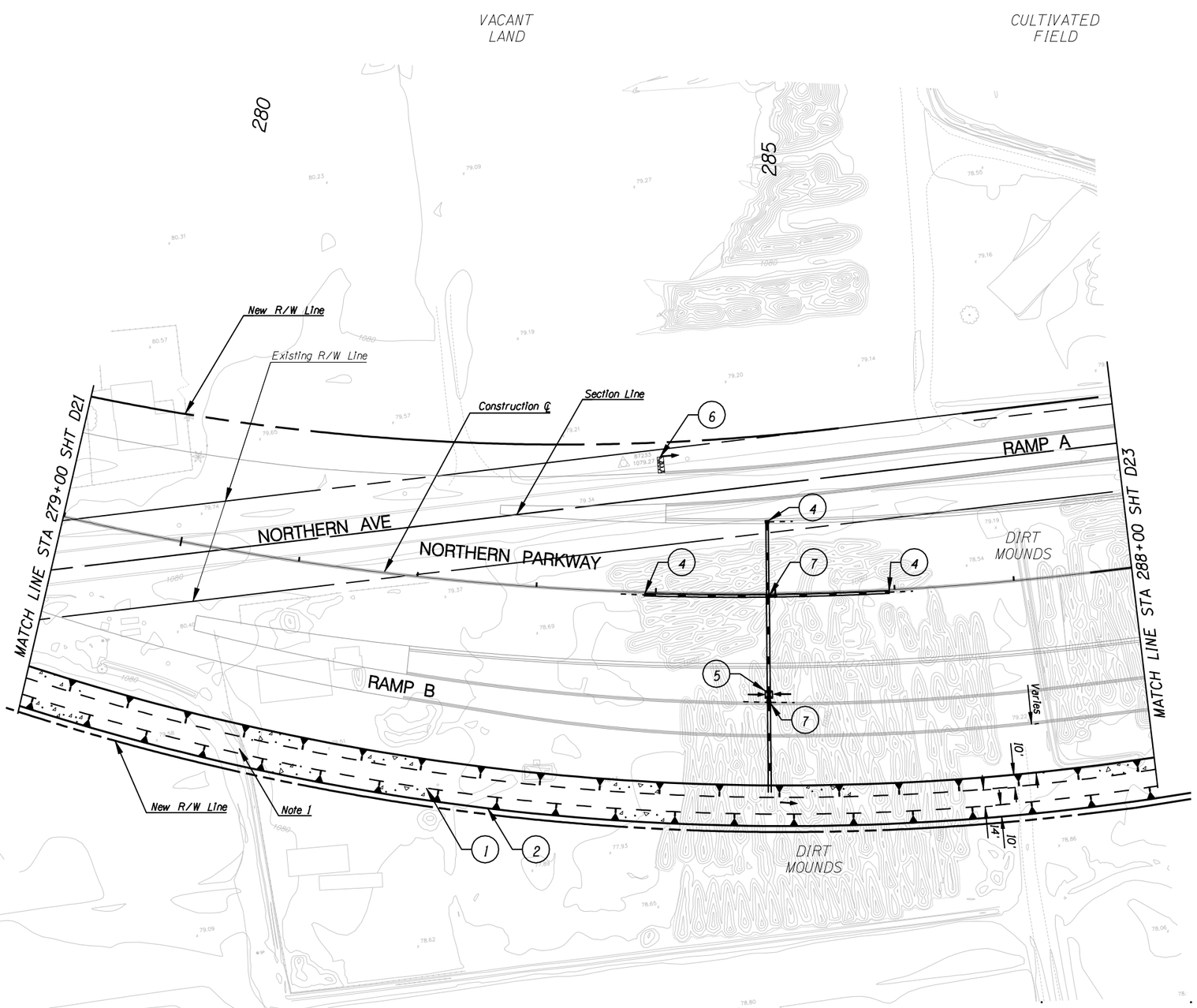
TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan21.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **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
3			
2			
1			

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 279+00 TO STA 288+00

SHEET D22

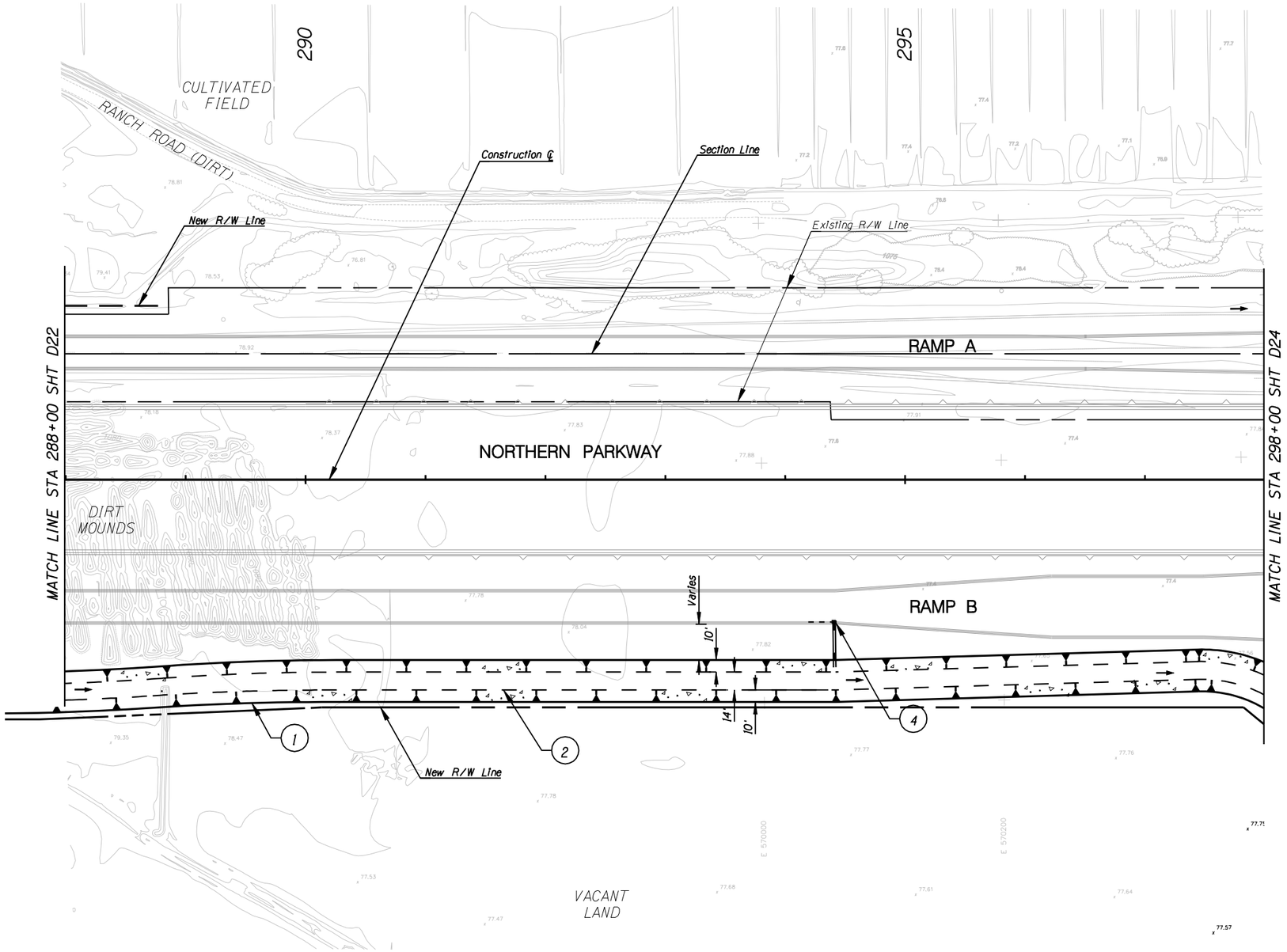
TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan22.dgn

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

☐ **REMOVAL /RELOCATE** ☐



N

○ **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
3			
2			
1			

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

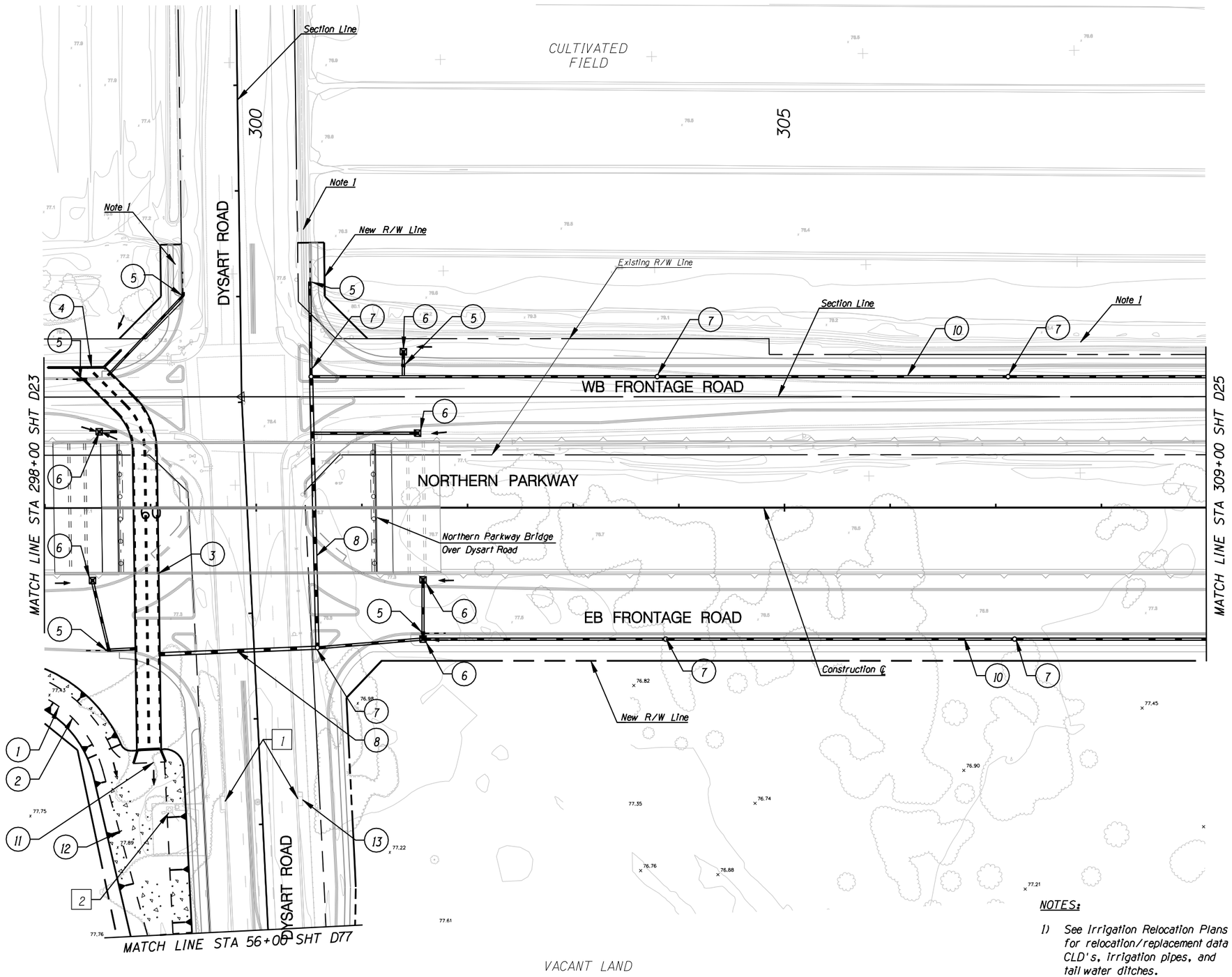
DRAINAGE PLAN SHEET
STA 288+00 TO STA 298+00

SHEET D23

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

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan23.dgn



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

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

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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 298+00 TO STA 309+00

SHEET D24

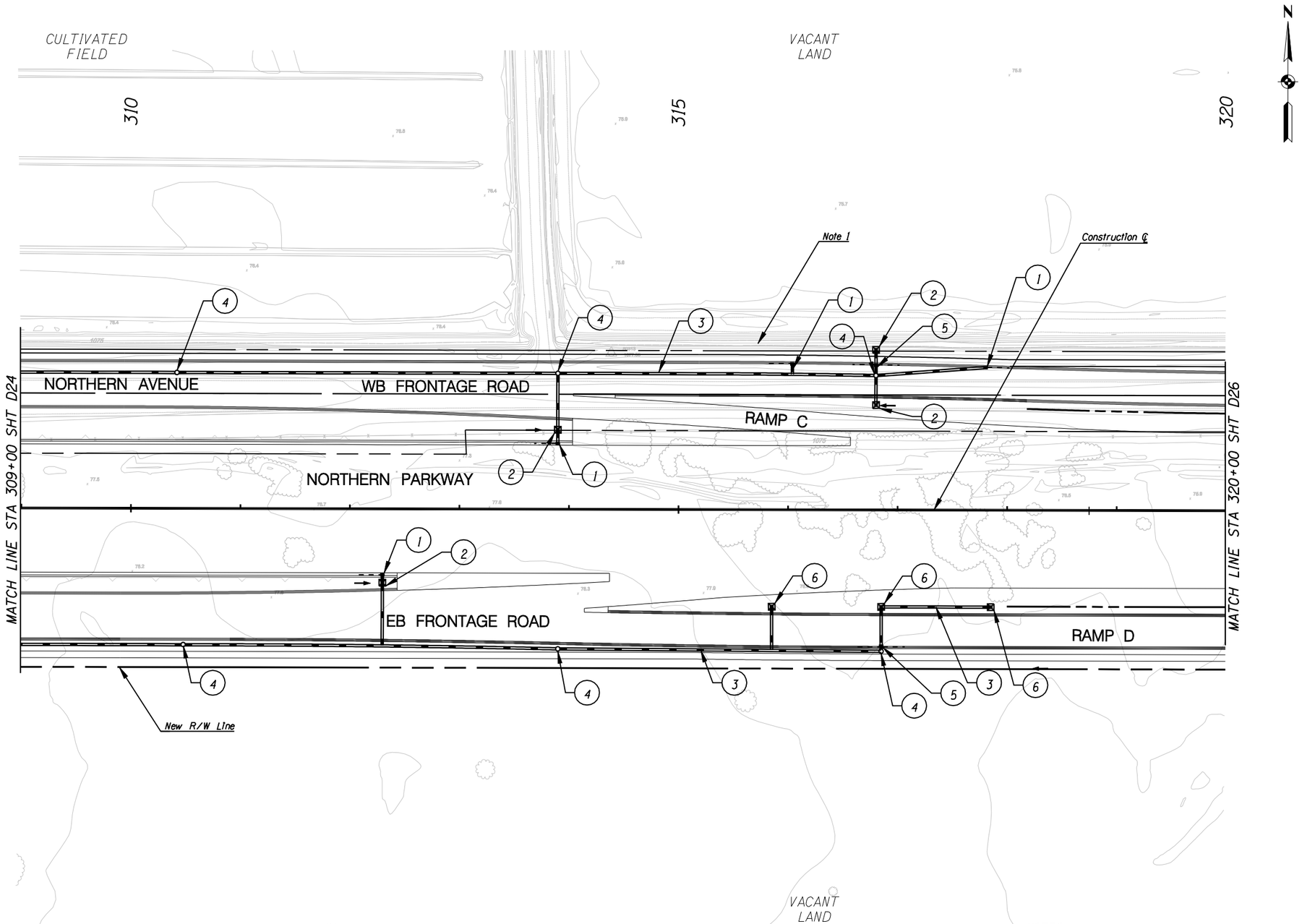
TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan24.dgn

English

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

☐ **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

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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 309+00 TO STA 320+00

SHEET D25

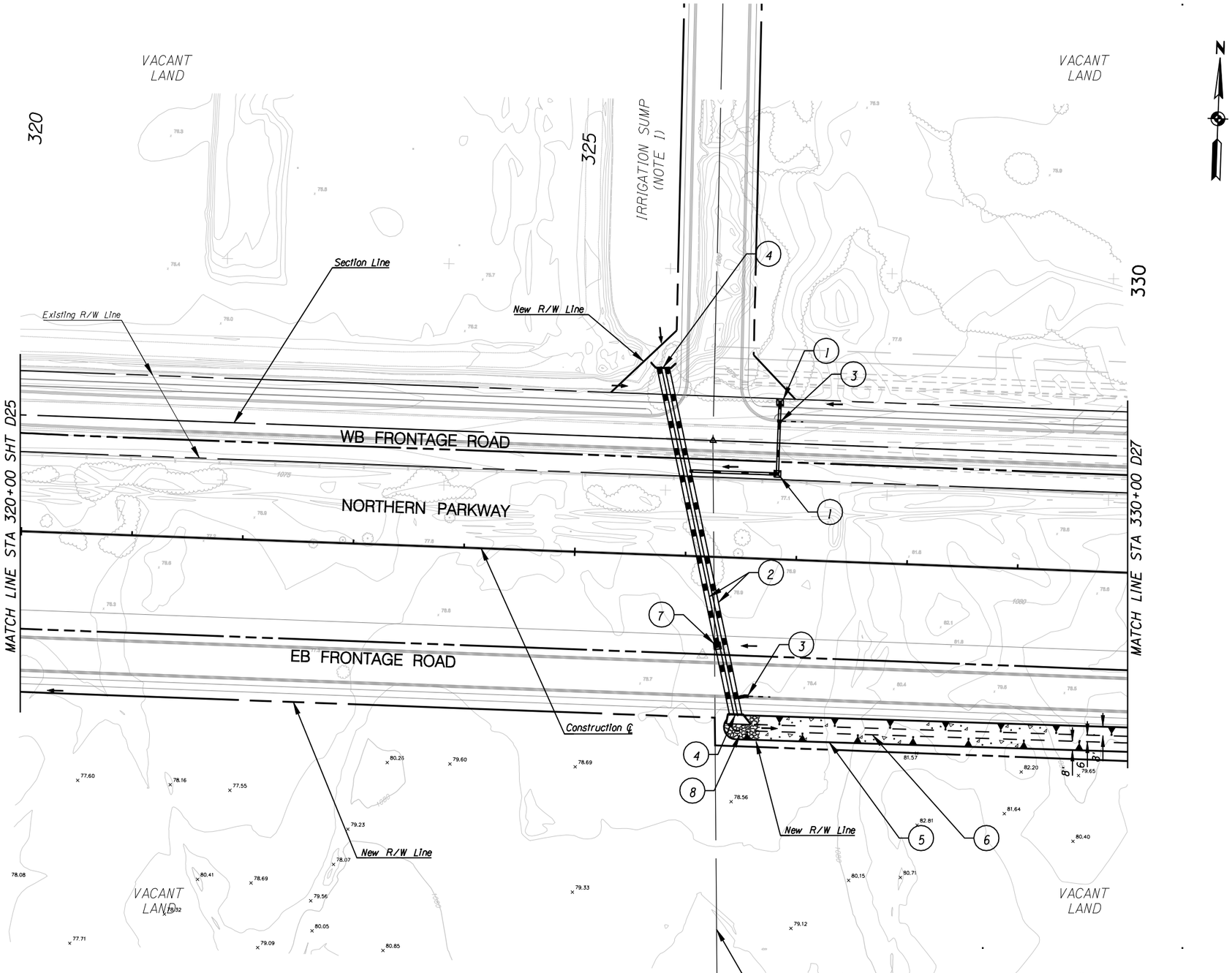
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan25.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **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
3			
2			
1			

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 320+00 TO STA 330+00

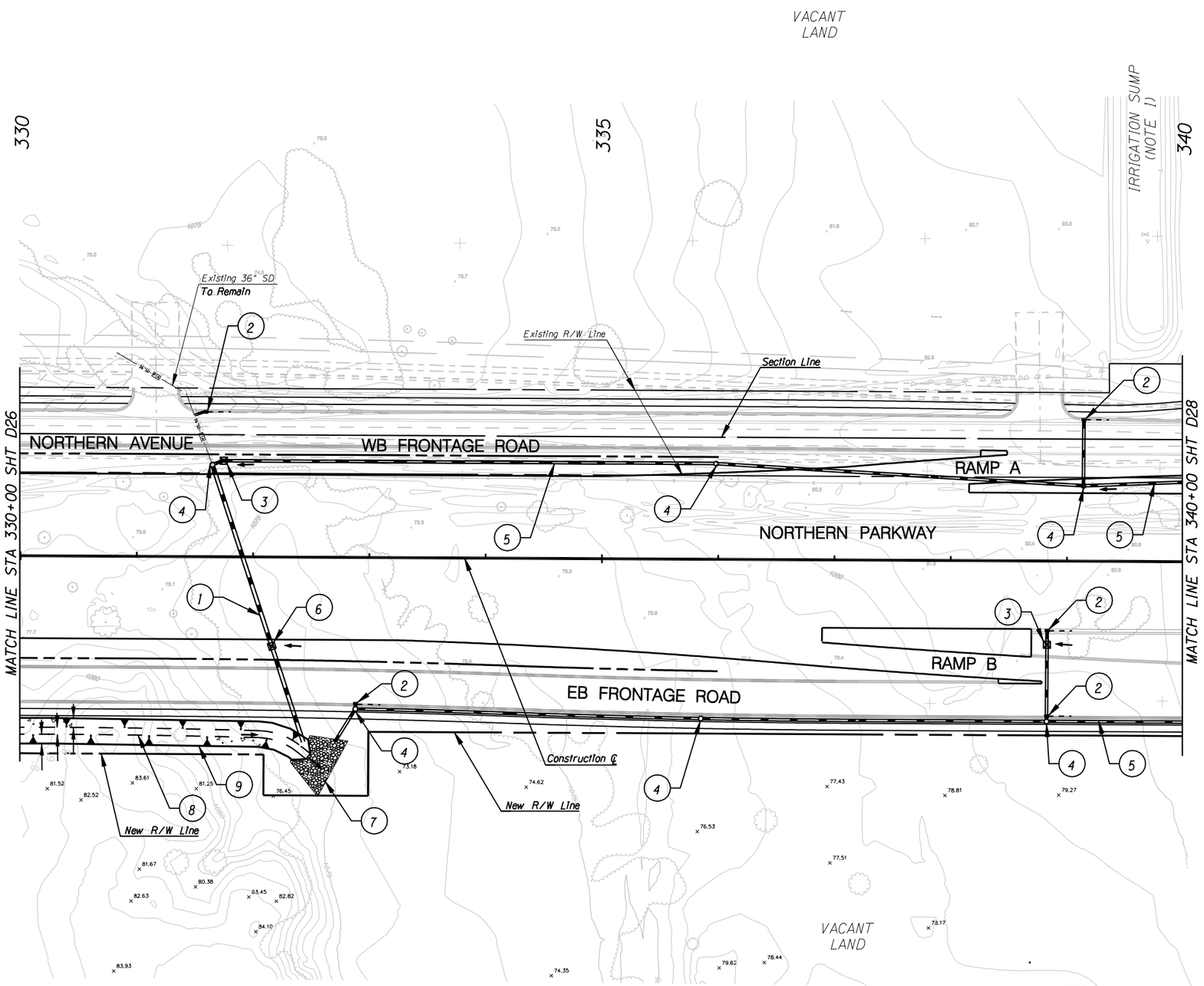
SHEET D26

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan26.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **CONSTRUCTION** ○

1. New 36" Storm Drain
2. New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
3. New 24" Storm Drain w/ New Area Catch Basin MAG Std Det 535, Type F
4. New Storm Drain Manhole
5. New 24" Storm Drain
6. New Area Catch Basin MAG Std Det 538, Type H
7. New Riprap Apron
8. Channel Excavation for Trapezoidal Channel 6' Bottom Width, 4' Depth, 2:1 SS
9. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced
10. New Pipe Headwall per MAG Std Det 501-4

NO.	REVISION	BY	DATE
3			
2			
1			

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 330+00 TO STA 340+00

SHEET D27

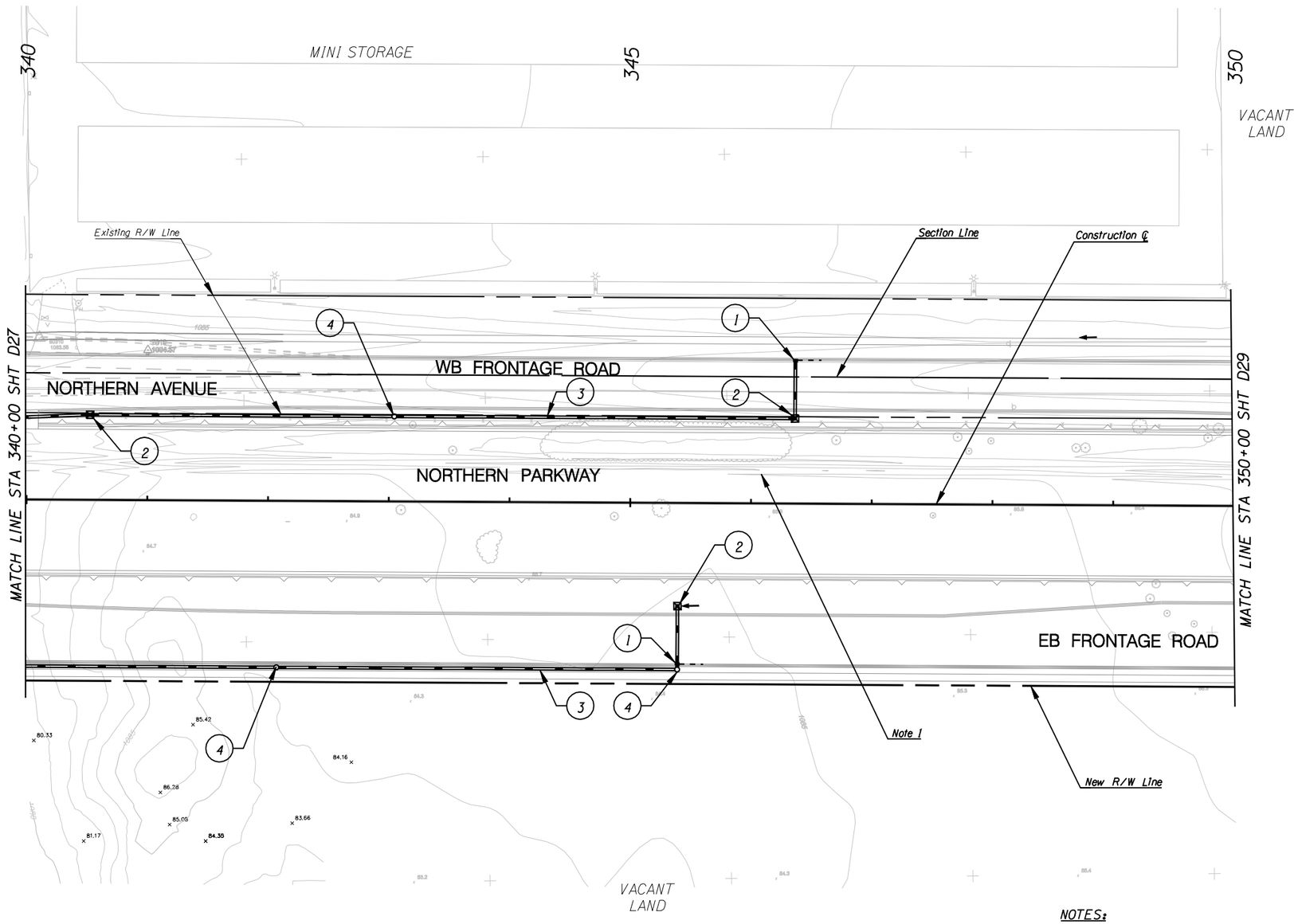
TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan27.dgn

English

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **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

NO.	REVISION	BY	DATE
3			
2			
1			

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 340+00 TO STA 350+00

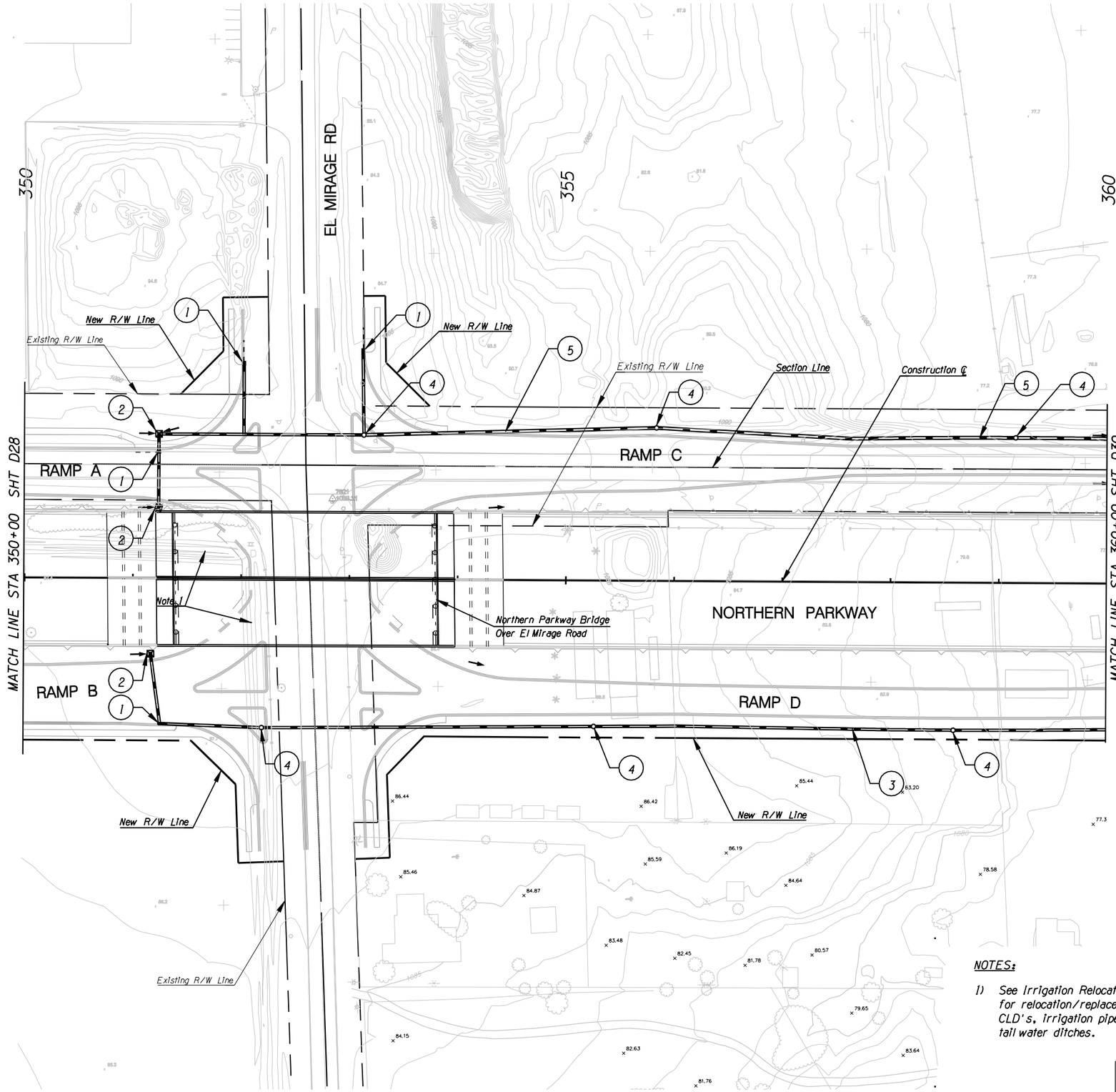
SHEET D28

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan28.dgn

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

☐ **REMOVAL /RELOCATE** ☐



NOTES:

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

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

○ **CONSTRUCTION** ○

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

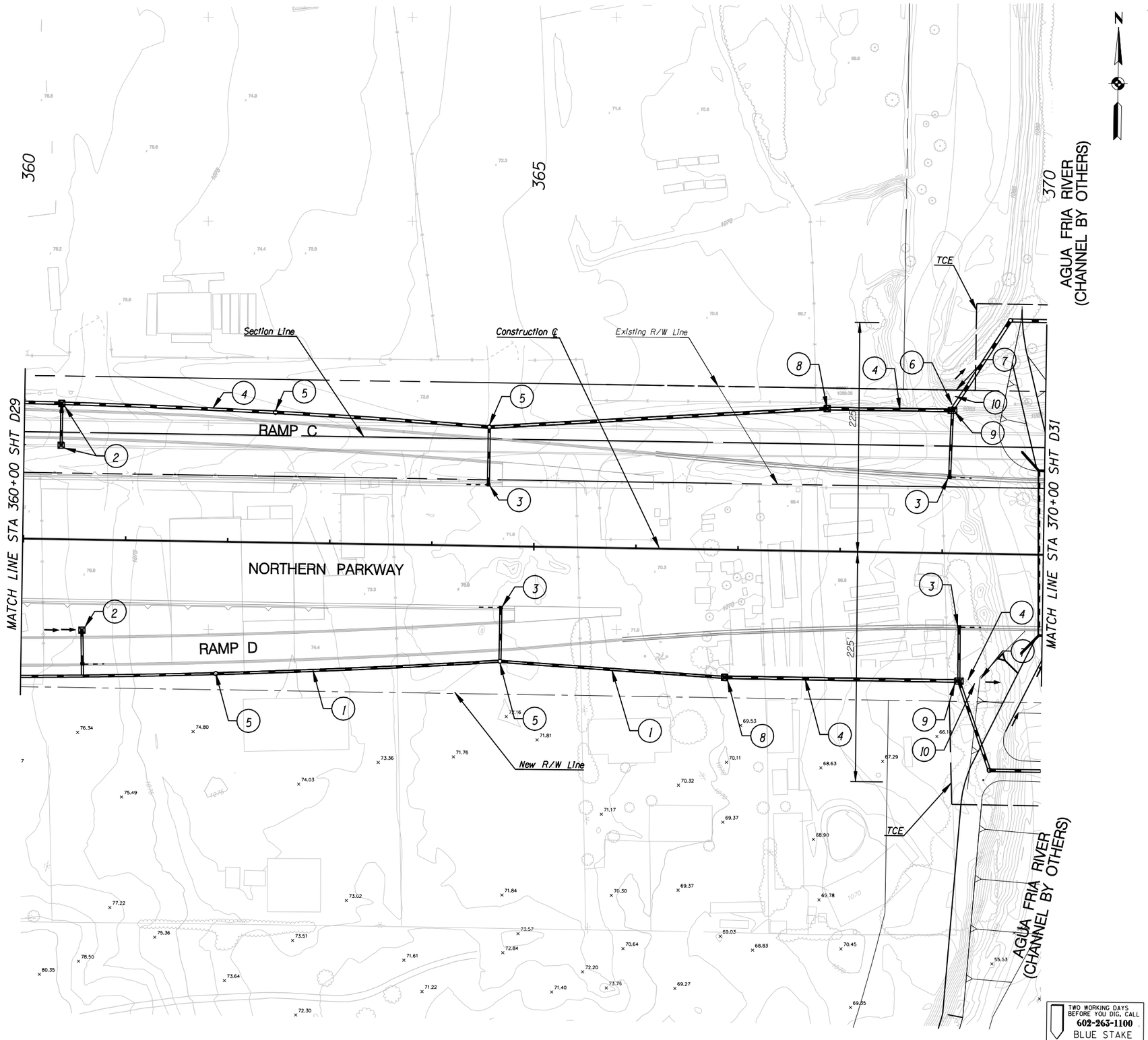
URS

DRAINAGE PLAN SHEET
STA 350+00 TO STA 360+00

SHEET D29

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan29.dgn



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

☐ **REMOVAL /RELOCATE** ☐

○ **CONSTRUCTION** ○

1. New 24" Storm Drain
2. New 24" Storm Drain w/ Area Catch Basin MAG Std Det 535, Type F
3. New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
4. New 30" Storm Drain
5. New Storm Drain Manhole
6. New 36" Storm Drain
7. New Dumped Riprap Apron
8. New Area Catch Basin MAG Std Det 535, Type F
9. New Area Catch Basin MAG Std Det 535, Type F Double
10. New Pipe Headwall per MAG Std Det 501-4

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

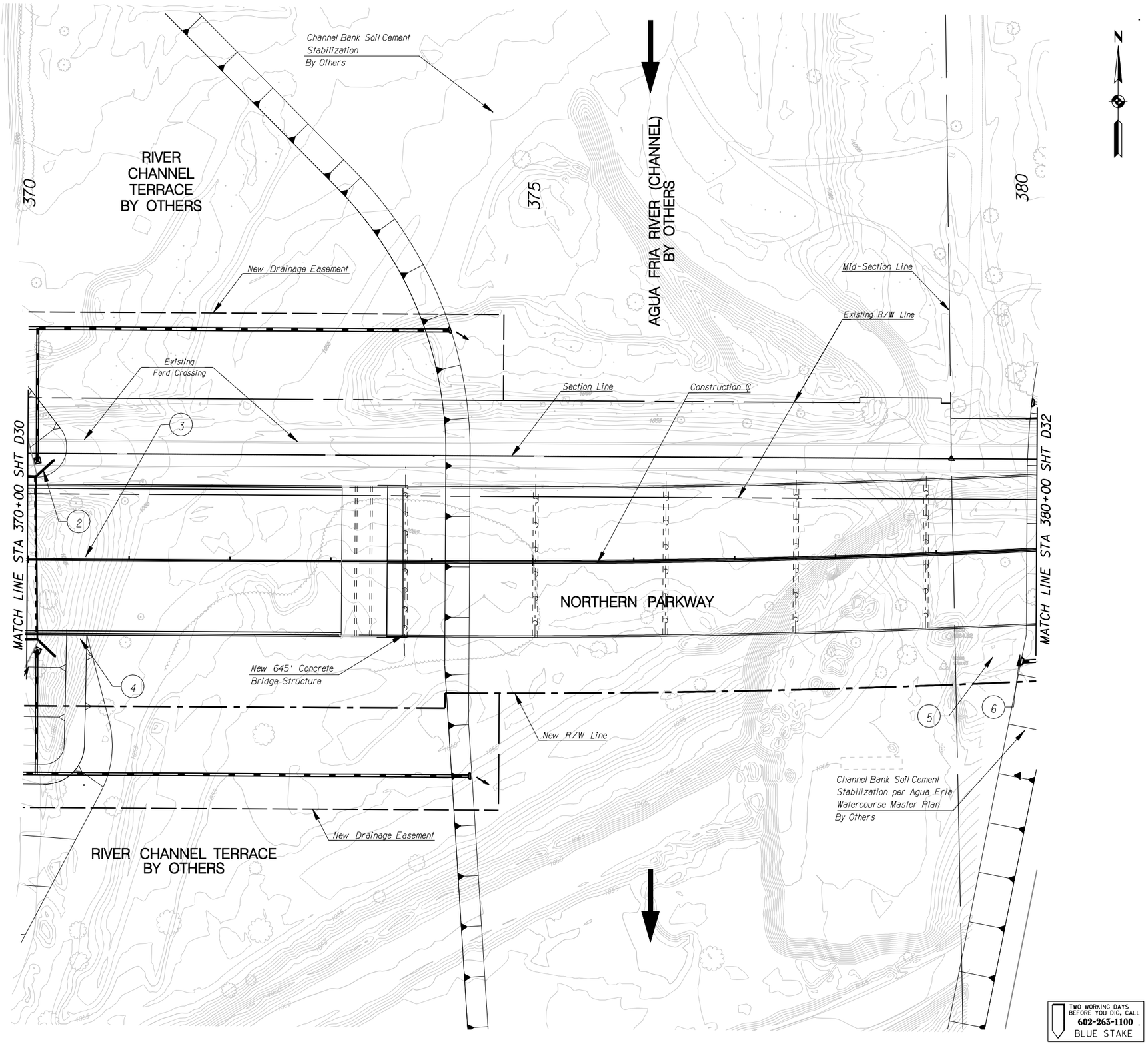
DRAINAGE PLAN SHEET
STA 360+00 TO STA 370+00

SHEET D30

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

TRACS NO. 0000 MA MMA SS593 OIC

5/28/2009
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan30.dgn



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

☐ **REMOVAL /RELOCATE** ☐

○ **CONSTRUCTION** ○

(2) New CBC Inlet Wingwall
Per ADOT Std Det B-04.40
Skew 0°, 4:1 SS

(3) New 12' X 12' CBC
Per ADOT Std Det B-02.10

(4) New CBC Outlet Wingwall
Per ADOT Std Det B-04.20
Skew 0°, 4:1 SS

(5) New Pipe Headwall per MAG Std Det 501-4

(6) New 36" Storm Drain

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

DRAINAGE PLAN SHEET
STA 370+00 TO STA 380+00

SHEET
D31

TRACS NO. 0000 MA MMA SS593 OIC

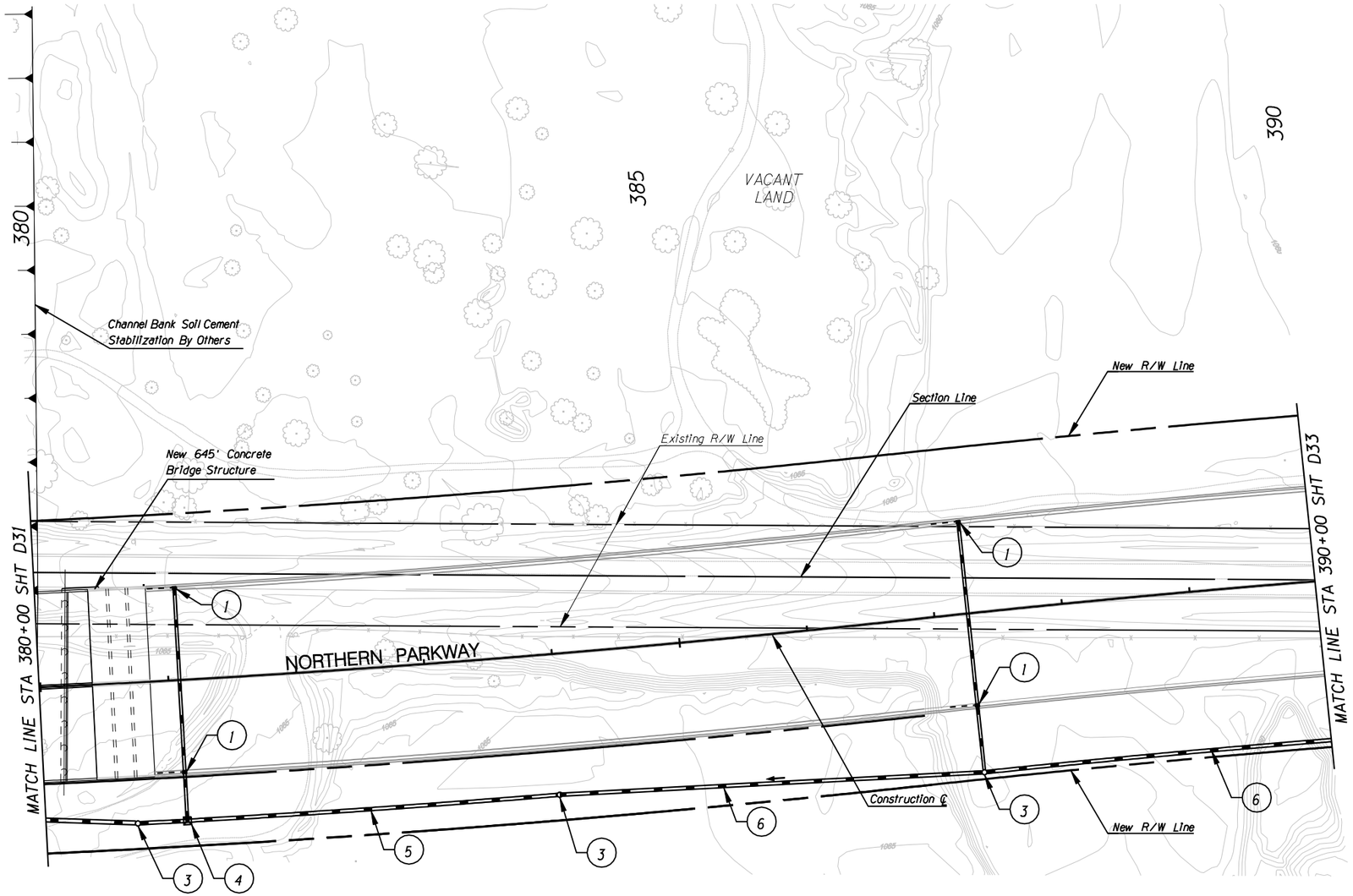
TWO WORKING DAYS BEFORE YOU DIG, CALL
602-263-1100
BLUE STAKE

English

5/29/2009
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan31.dgn

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

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

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

URS

DRAINAGE PLAN SHEET
STA 380+00 TO STA 390+00

SHEET D32

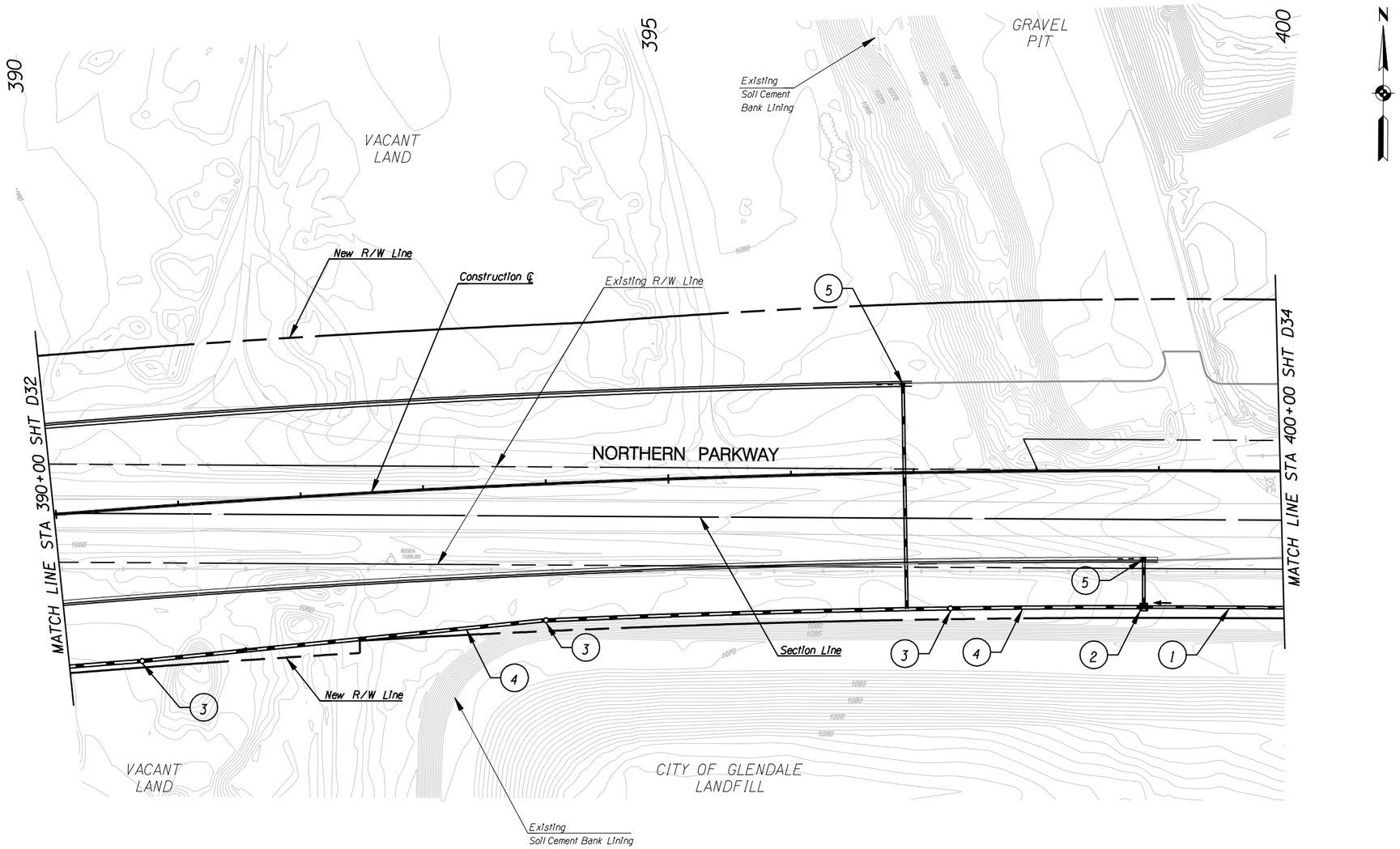
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan32.dgn

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

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

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

DRAINAGE PLAN SHEET
STA 390+00 TO STA 400+00

SHEET D33

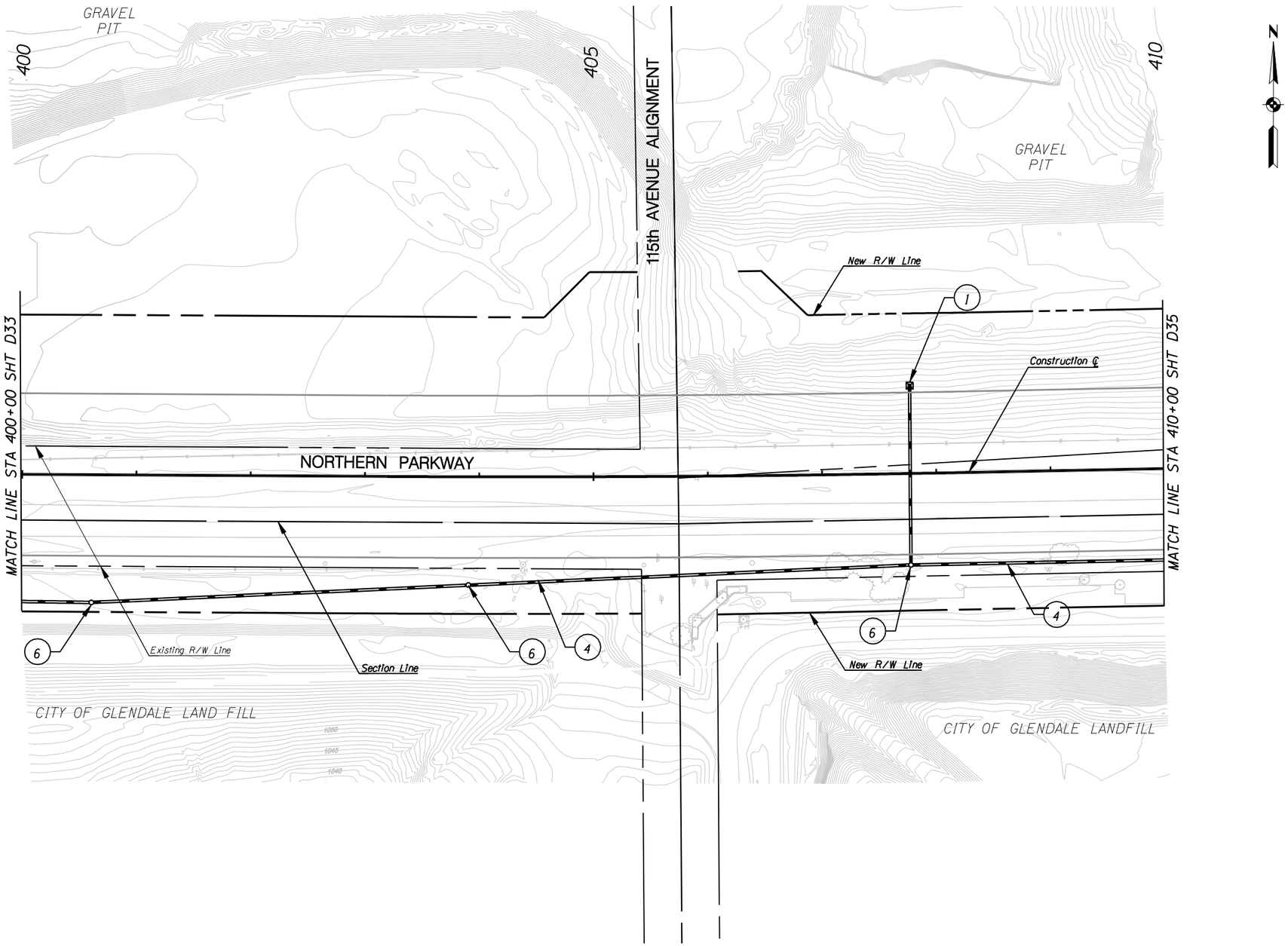
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan33.dgn

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

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

(1) New Area Catch Basin
MAG Std Det 535, Type F

(4) New 24" Storm Drain

(6) New Storm Drain Manhole

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 400+00 TO STA 410+00

SHEET D34

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

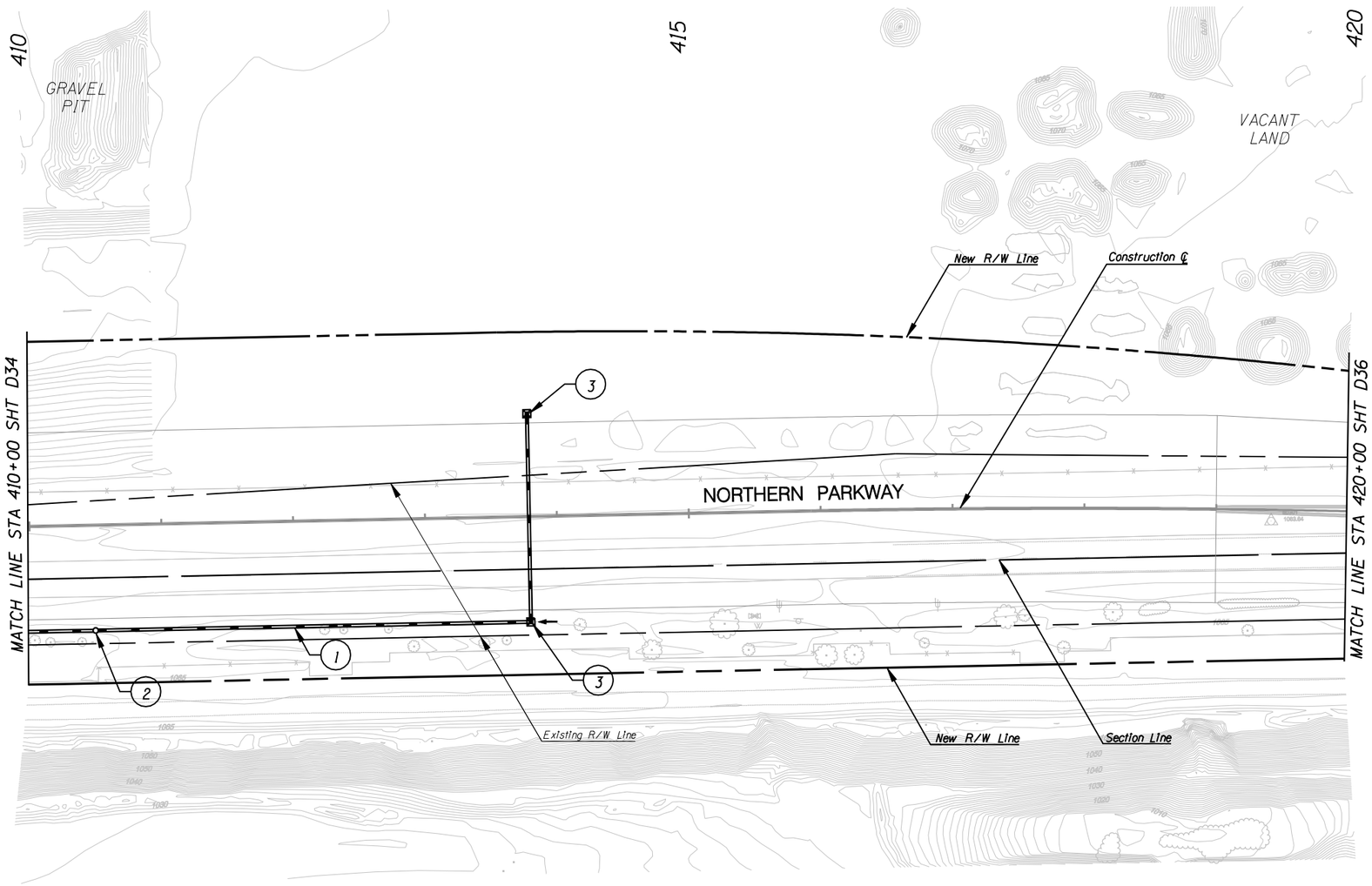
TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan34.dgn

English

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

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

1. New 24" Storm Drain
2. New Storm Drain Manhole
3. New 24" Storm Drain w/ New Area Catch Basin MAG Std Det 535, Type F

NO.	REVISION	BY	DATE
3			
2			
1			

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 410+00 TO STA 420+00

SHEET D35

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

TRACS NO. 0000 MA MMA SS593 01C

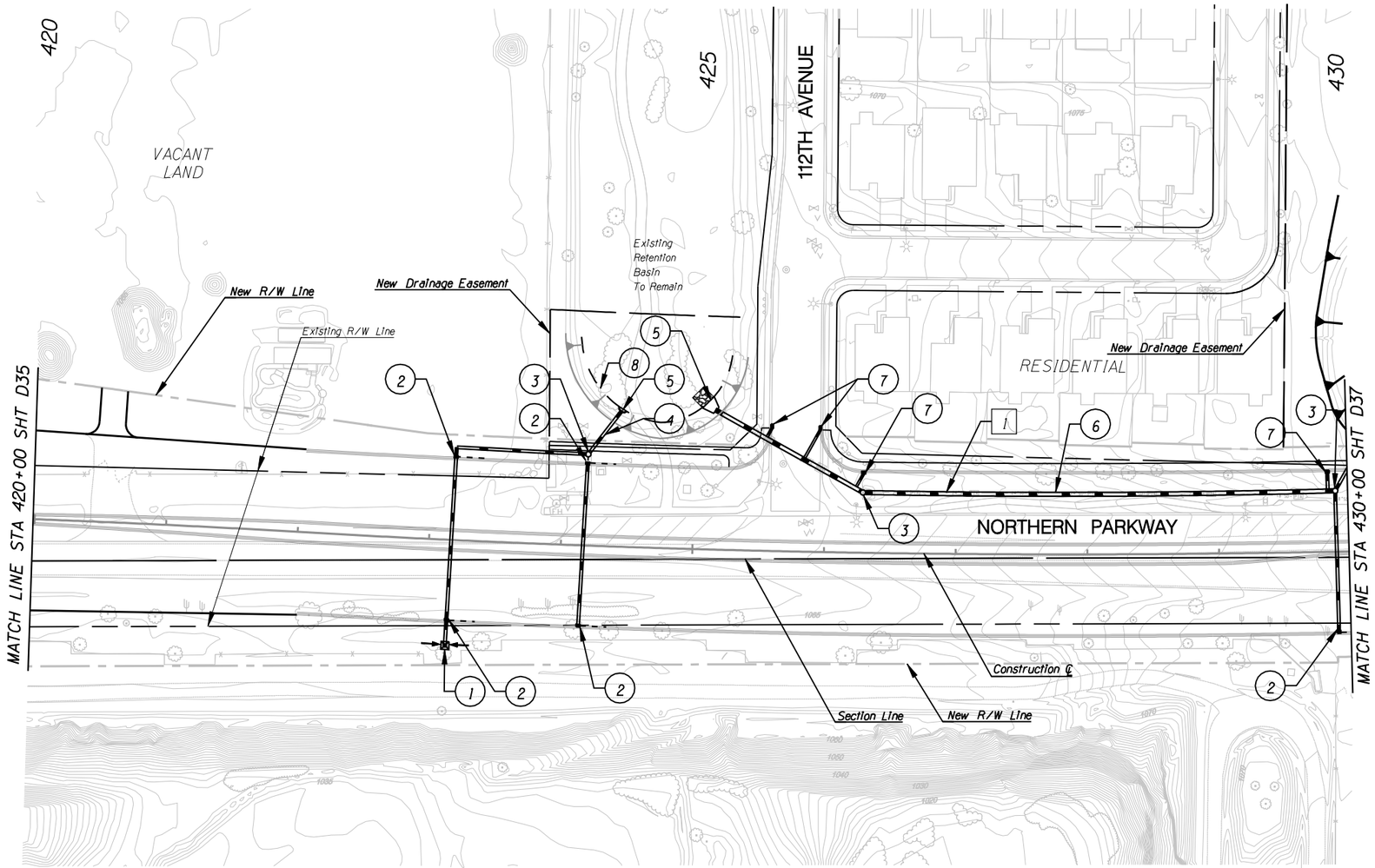
English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan35.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Existing Storm Drain



○ **CONSTRUCTION** ○

1. New 24" Storm Drain w/ New Area Catch Basin MAG Std Det 535, Type F
2. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
3. New Storm Drain Manhole
4. New 24" Storm Drain
5. New Pipe Headwall MAG Std Det 501-4
6. New 36" Storm Drain Pipe
7. New 24" Storm Drain W/ Catch Basin, MAG Std Det 533-2
8. Excavation for Retention Basin 2' Depth, 6:1 SS (Adjust South Side Slope)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

DRAINAGE PLAN SHEET
STA 420+00 TO STA 430+00

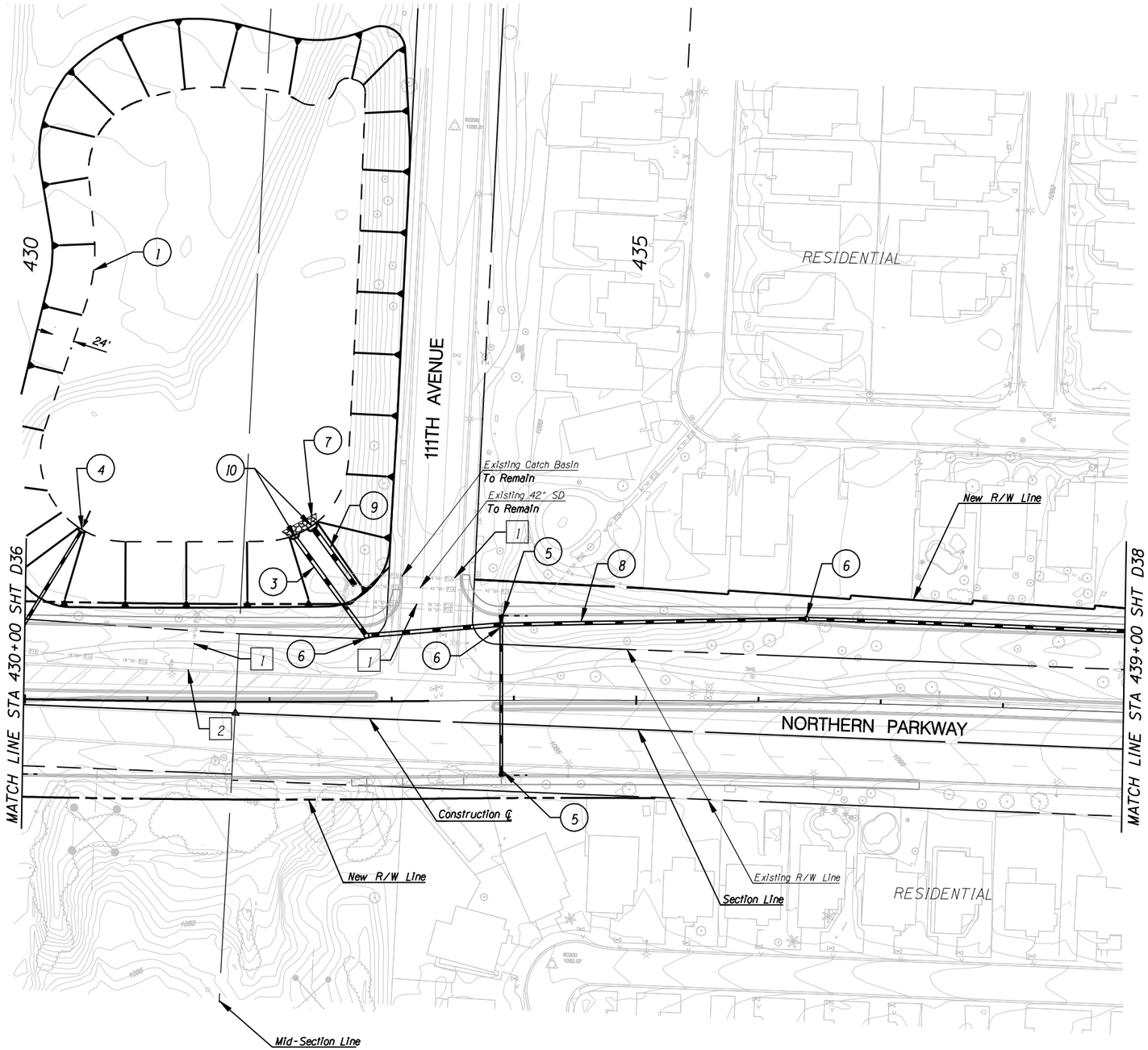
SHEET D36

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

TRACS NO. 0000 MA MMA SS593 01C

English

5/28/2009
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan36.dgn



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

REMOVAL /RELOCATE

1. Remove Existing Storm Dain
2. Remove Existing Catch Basin

CONSTRUCTION

1. Excavation for Retention Basin 4' Depth, 6:1 SS
3. New 36" Storm Drain
4. New 24" Storm Drain w/ Bleedoff Structure
5. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
6. New Storm Drain Manhole
7. New Dumped Riprap Apron
8. New 30" Storm Drain
9. New 42" Storm Drain
10. New Pipe Headwall MAG Std Det 501-4

NO.	REVISION	BY	DATE
3			
2			
1			

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

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

DRAINAGE PLAN SHEET
STA 430+00 TO STA 439+00

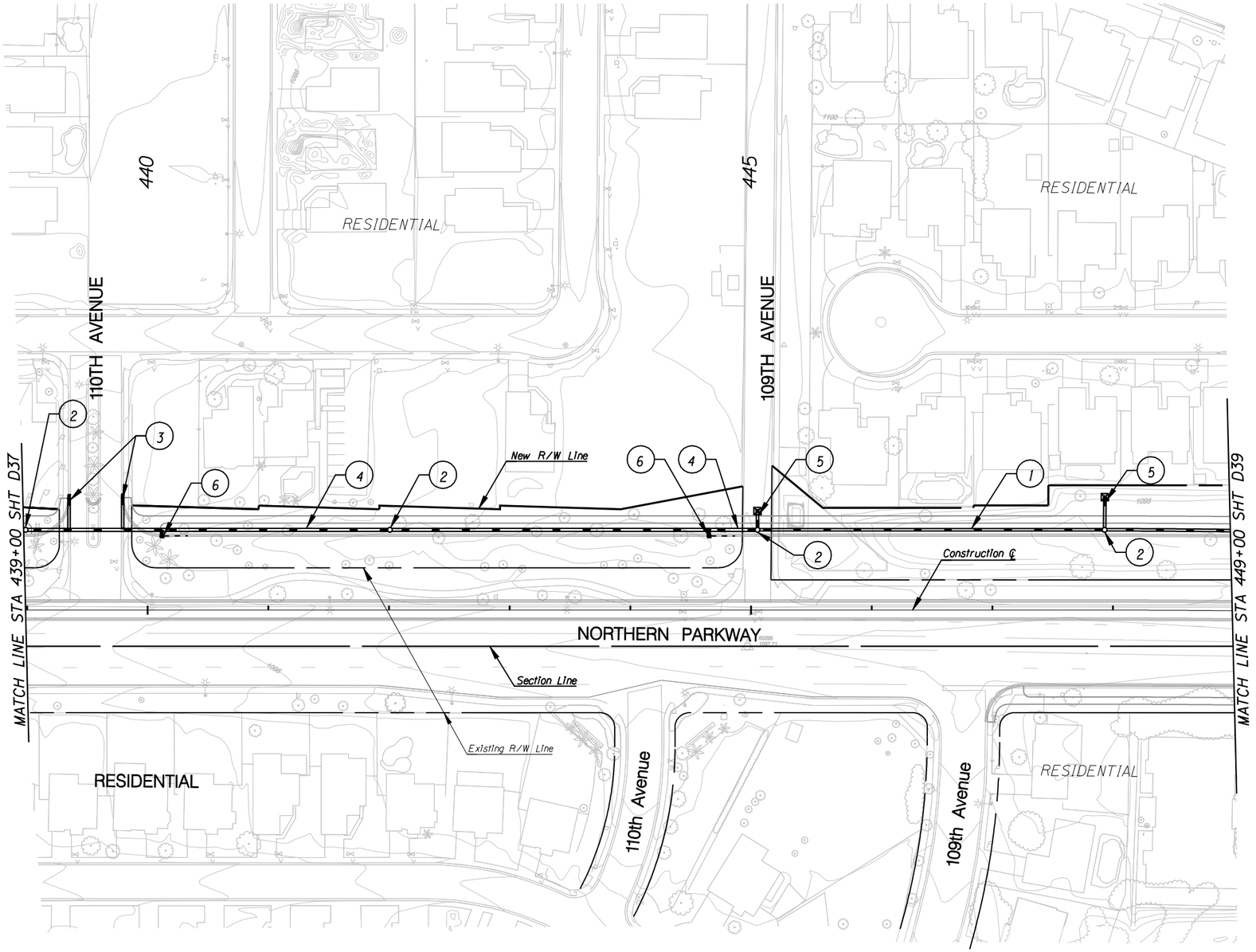
SHEET D37

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan37.dgn

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

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

1. New 24" Storm Drain
2. New Storm Drain Manhole
3. New 24" Storm Drain w/Catch Basin, MAG Std Det 533-2
4. New 30" Storm Drain
5. New 24" Storm Drain w/ New Area Catch Basin MAG Std Det 535
6. 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

URS

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

DRAINAGE PLAN SHEET
STA 439+00 TO STA 449+00

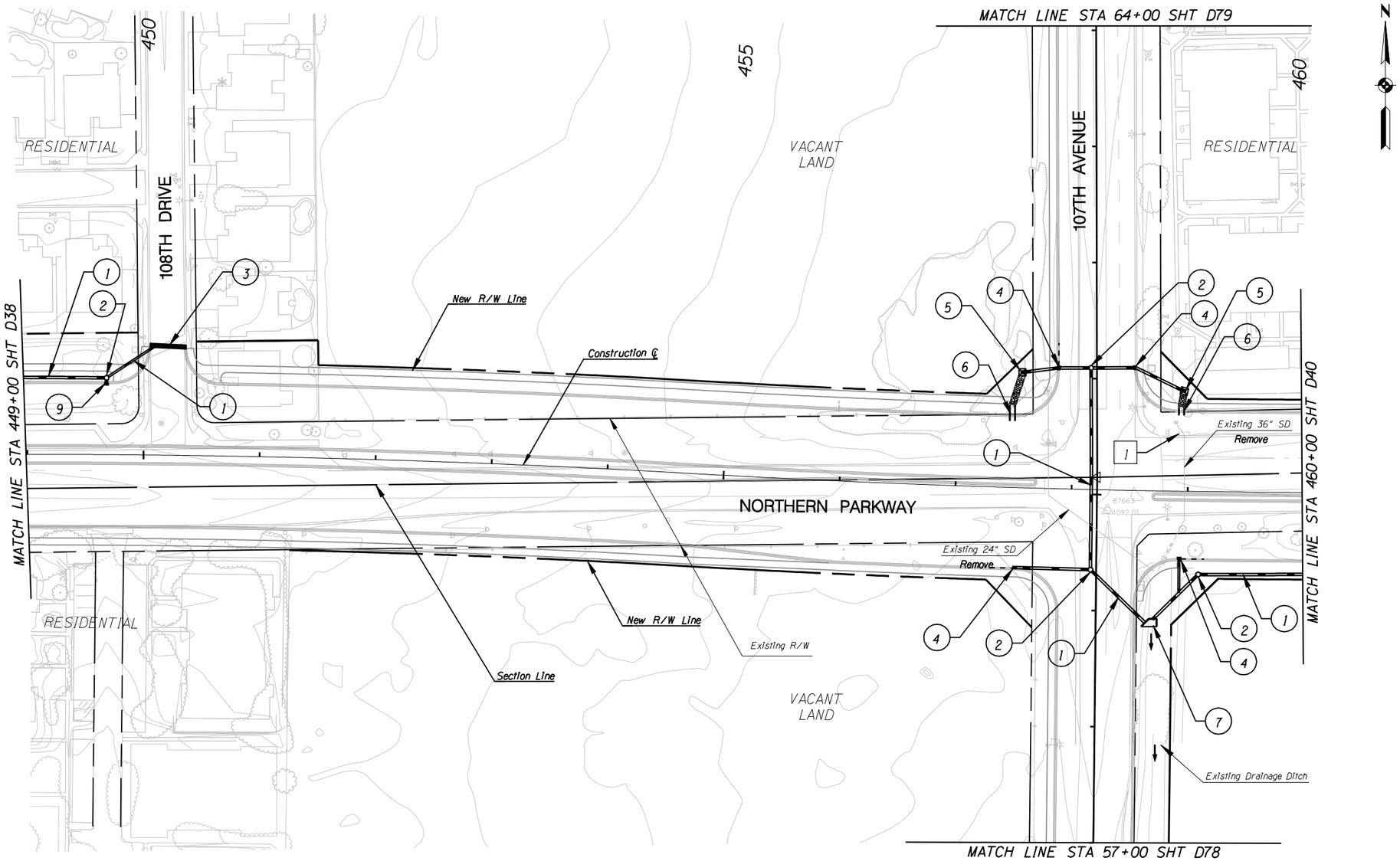
SHEET D38

TRACS NO. 0000 MA MMA SS593 OIC

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan38.dgn

English

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



REMOVAL /RELOCATE

1 Remove Catch Basin

CONSTRUCTION

1. New 24" Storm Drain
2. New Storm Drain Manhole
3. New Trench Drain 30' Length
4. New 24" Storm Drain w/Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
5. New 24" Storm Drain w/New Area Catch Basin MAG Std Det 535, Type F
6. New Scupper MAG Std Det 206.1
7. New Pipe Headwall Per Special Detail
9. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2

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

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

DRAINAGE PLAN SHEET
STA 449+00 TO STA 460+00

SHEET D39

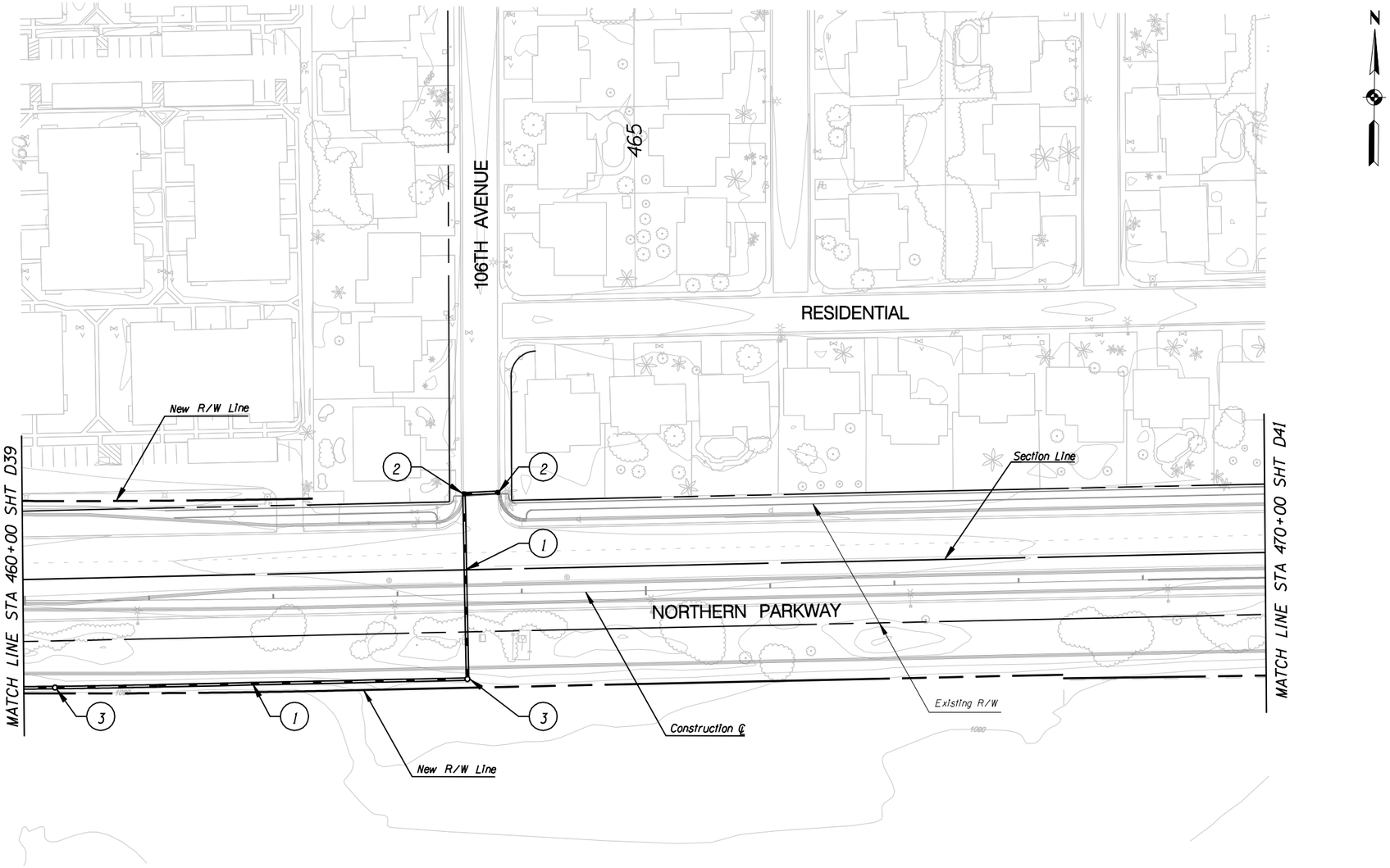
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan39.dgn

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

☐ **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

NO.	REVISION	BY	DATE
3			
2			
1			

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

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

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

SHEET D40

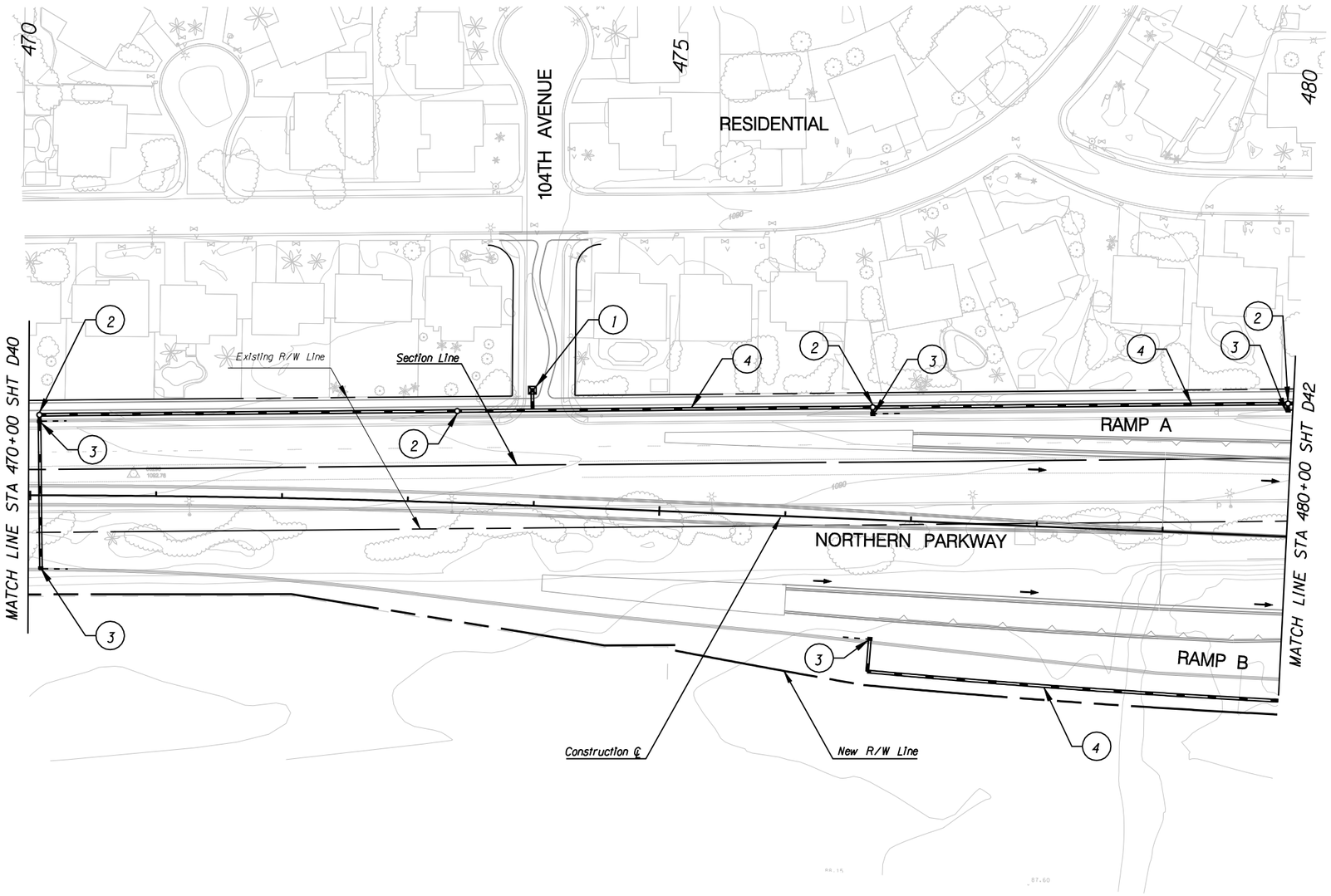
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan40.dgn

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

☐ **REMOVAL /RELOCATE** ☐



N

○ **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

NO.	REVISION	BY	DATE
3			
2			
1			

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

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

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

SHEET D41

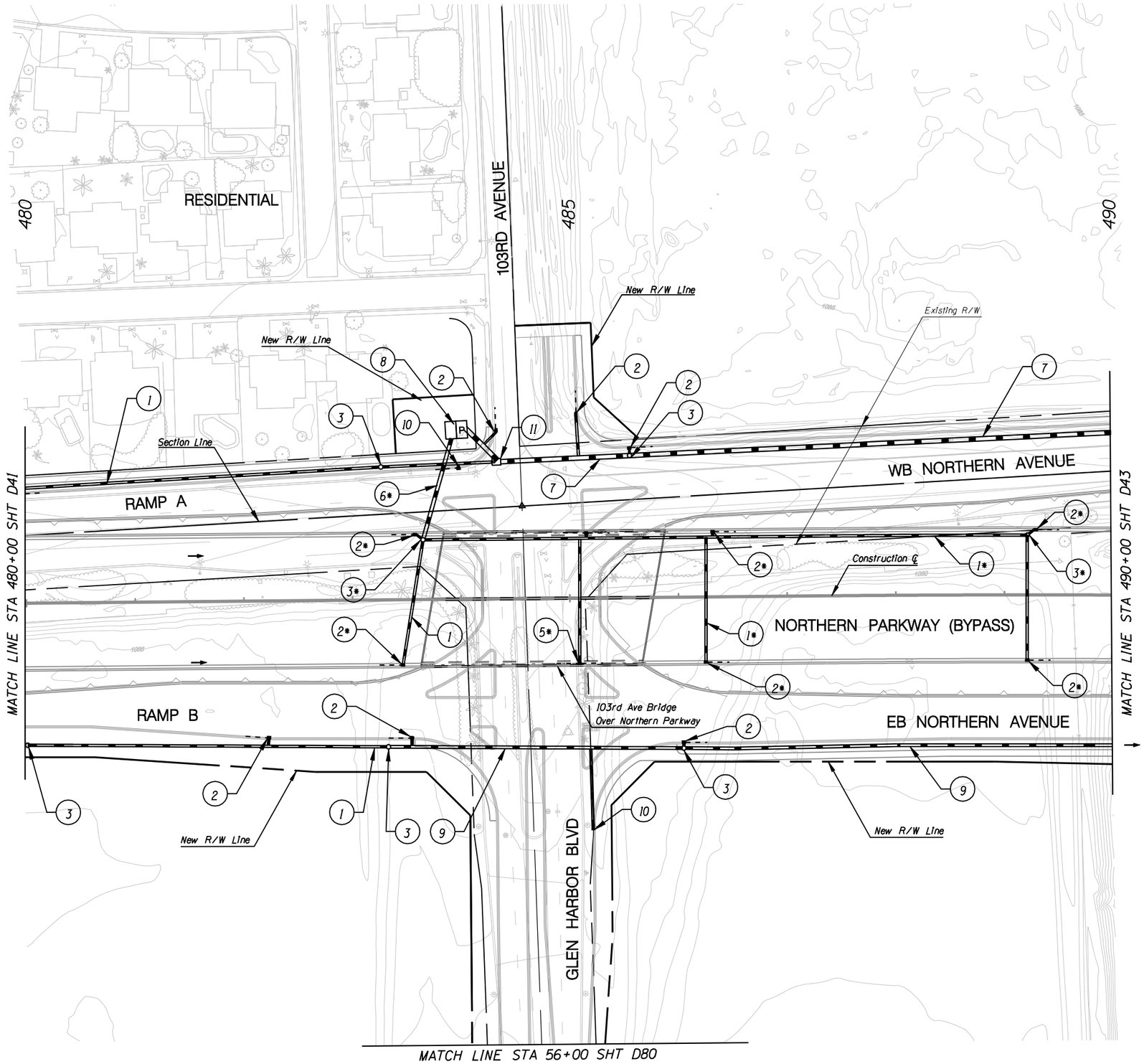
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan41.dgn

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

☐ **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
3			
2			
1			

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

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

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

SHEET D42

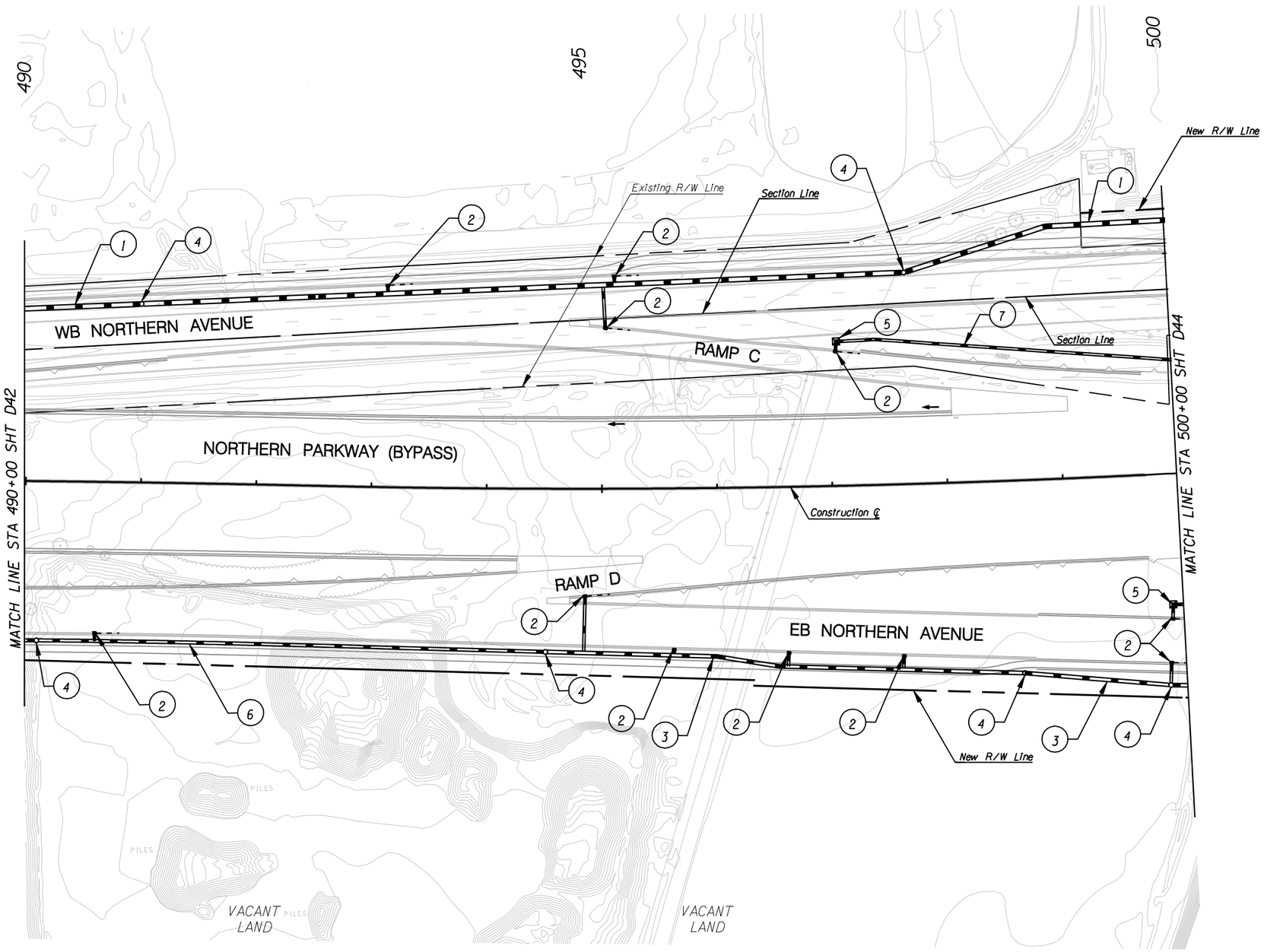
TRACS NO. 0000 MA MMA SS593 OIC

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan42.dgn

English

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

☐ **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

NO.	REVISION	BY	DATE
3			
2			
1			

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 490+00 TO STA 500+00

SHEET D43

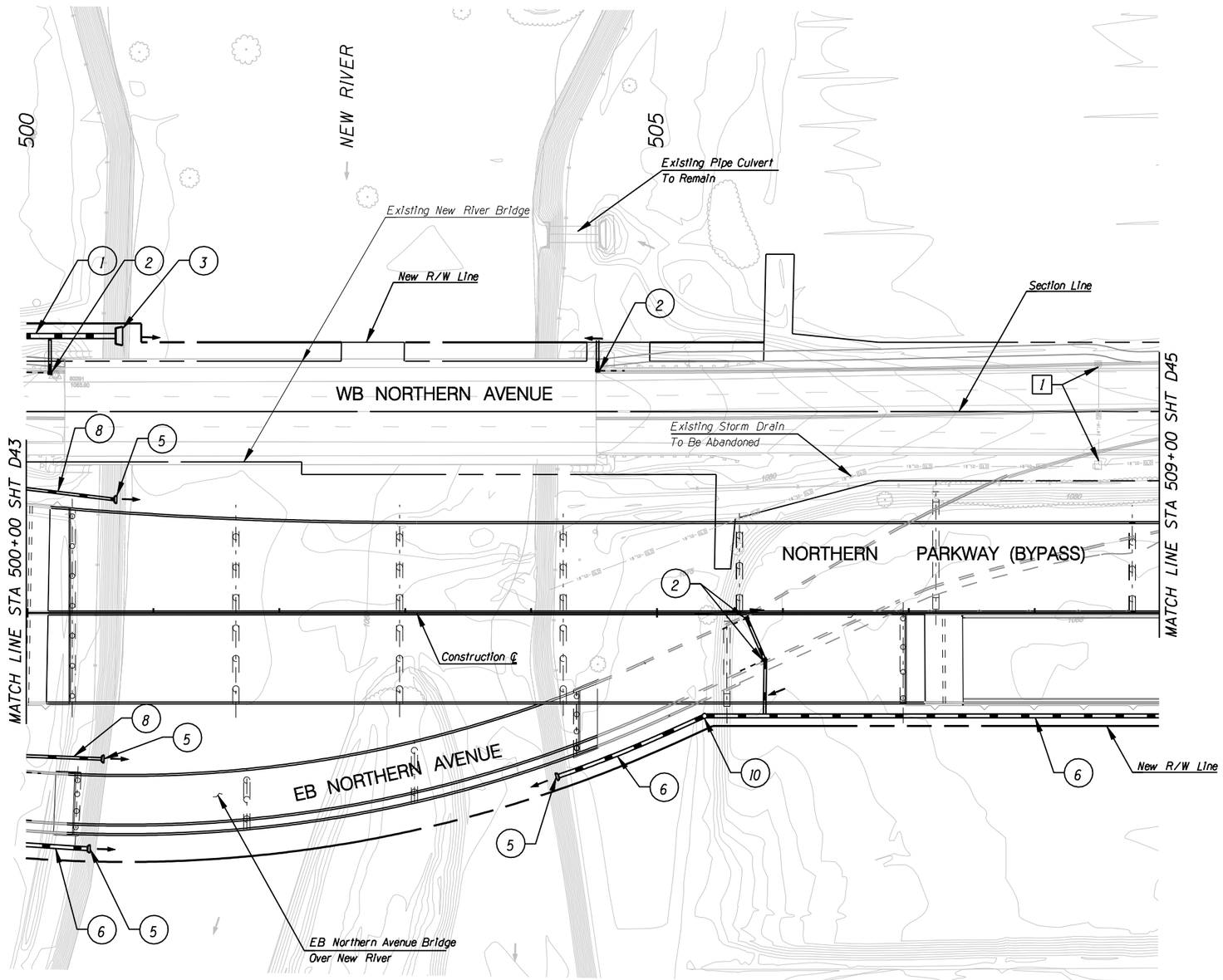
TWO WORKING DAYS BEFORE YOU DIG, CALL **602-263-1100** BLUE STAKE

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan43.dgn

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



N

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

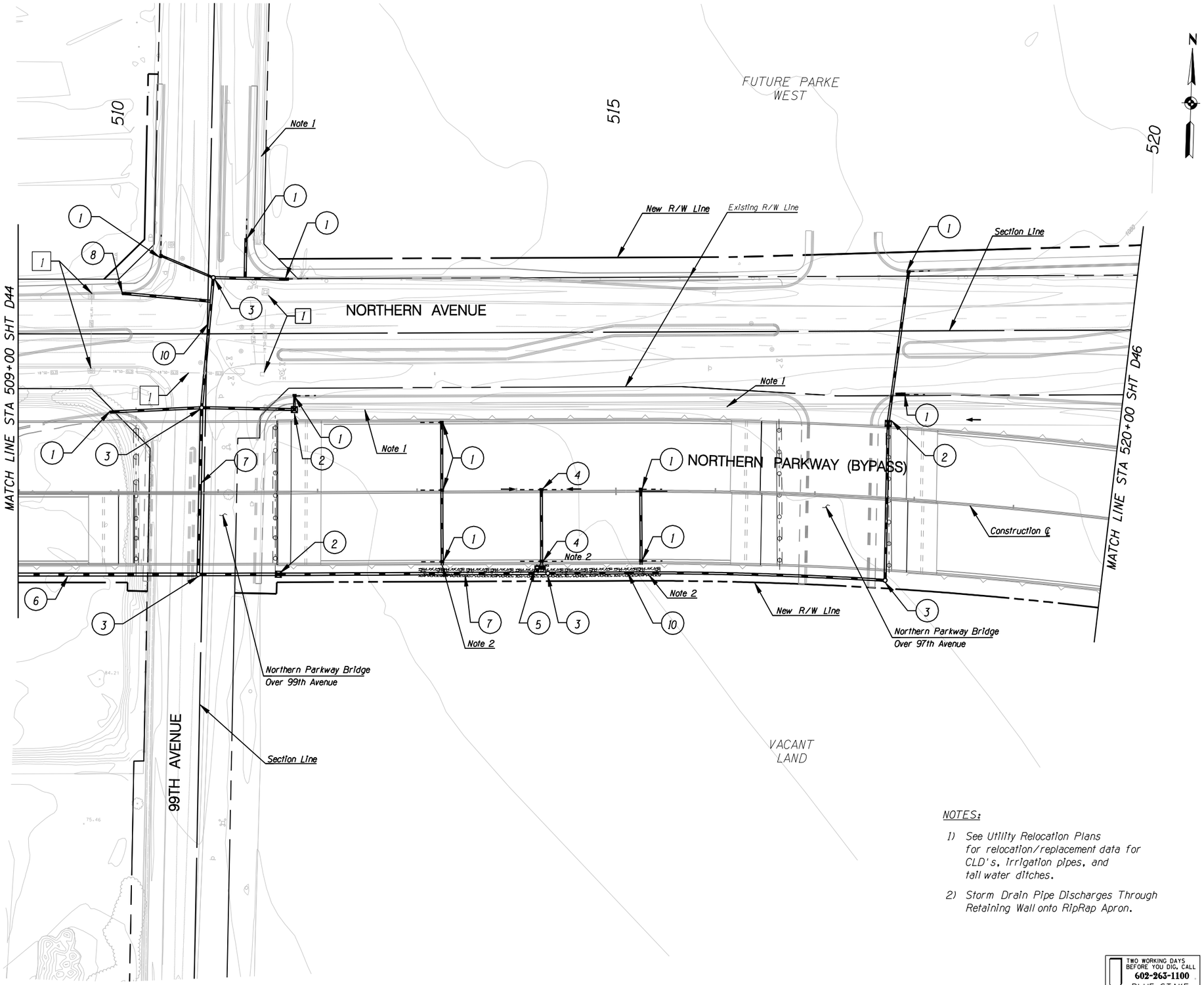
TWO WORKING DAYS BEFORE YOU DIG, CALL 602-263-1100 BLUE STAKE

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan44.dgn

English

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



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

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.

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

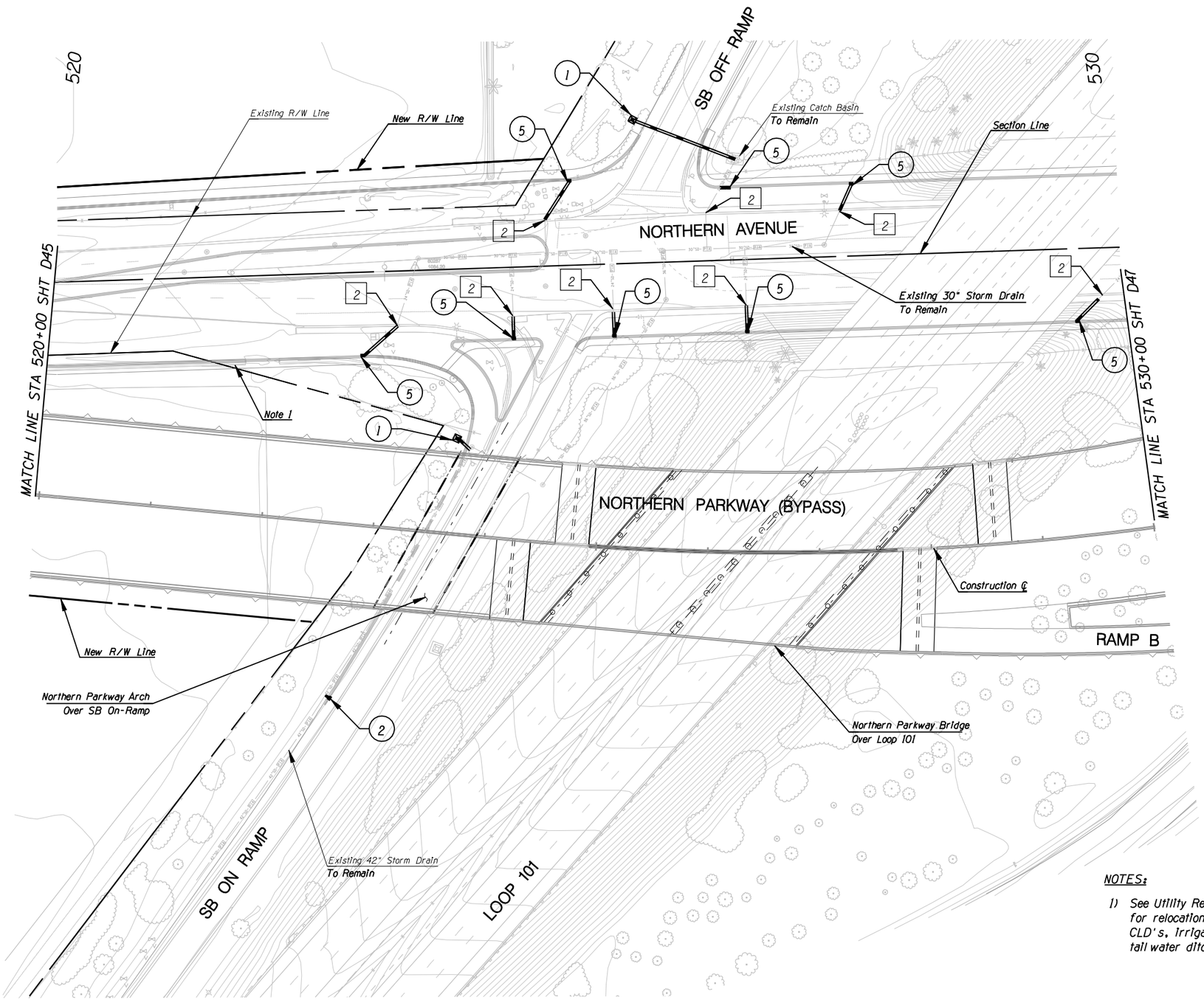
DRAINAGE PLAN SHEET
STA 509+00 TO STA 520+00

SHEET D45

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan45.dgn

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



NOTES:

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

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

REMOVAL /RELOCATE

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
3			
2			
1			

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

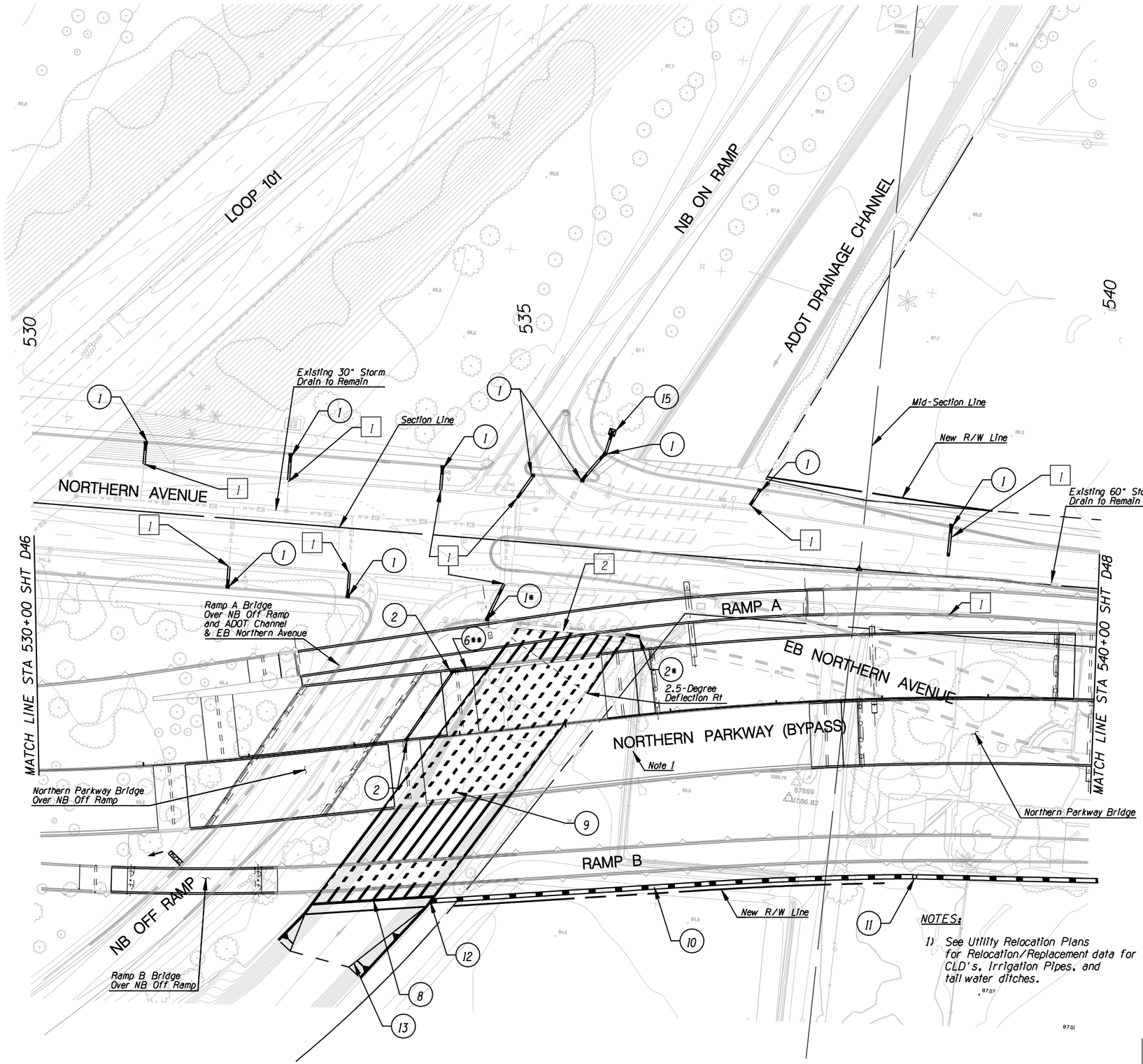
DRAINAGE PLAN SHEET
STA 520+00TO STA 530+00

SHEET D46

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan46.dgn

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



NOTES:

1) See Utility Relocation Plans for Relocation/Replacement data for CLD's, Irrigation Pipes, and tail water ditches.

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

REMOVAL /RELOCATE

1 Remove CB

2 Remove CBC Outlet Wingwall

CONSTRUCTION

1. Extend 24" Storm Drain w/ Catch Basin, ADOT Std Det C-15.20
2. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2
6. New 24" Storm Drain
8. New CBC Outlet Wingwall ADOT Std Det B-04.50 Skew 30°, 2:1 SS
9. Extend (8) 10' X 6' CBC Skew 30° Rt
10. New 48" Storm Drain
11. New Storm Drain Manhole
12. Pipe Terminus in CBC Wingwall
13. New Concrete Channel Transition
15. New Area Catch Basin ADOT Std Det C-15.81

* Located on EB Northern Avenue

** Transition from Upper Level to Lower Level

NO.	REVISION	BY	DATE
1			
2			
3			

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 530+00 TO STA 540+00

SHEET D47

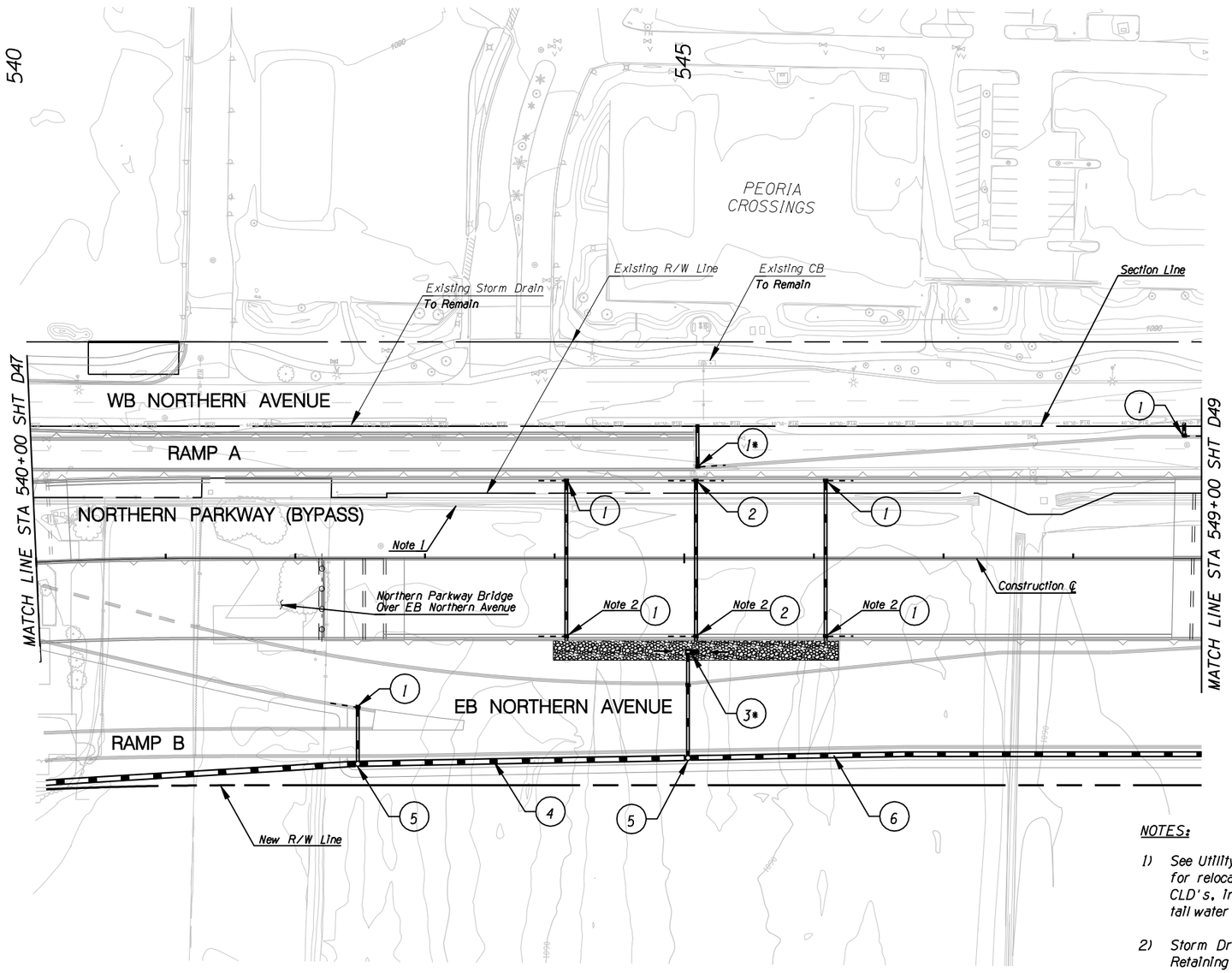
TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan47.dgn

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

☐ **REMOVAL /RELOCATE** ☐



CONSTRUCTION

1. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
2. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 40' Slotted Drain
3. New 24" Storm Drain w/ Catch Basin, Median Dike ADOT Std Det C-15.90
4. New 48" Storm Drain
5. New Storm Drain Manhole
6. New 42" Storm Drain

(*) Located on Lower Level

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 Rip Rap Apron

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 540+00 TO STA 549+00

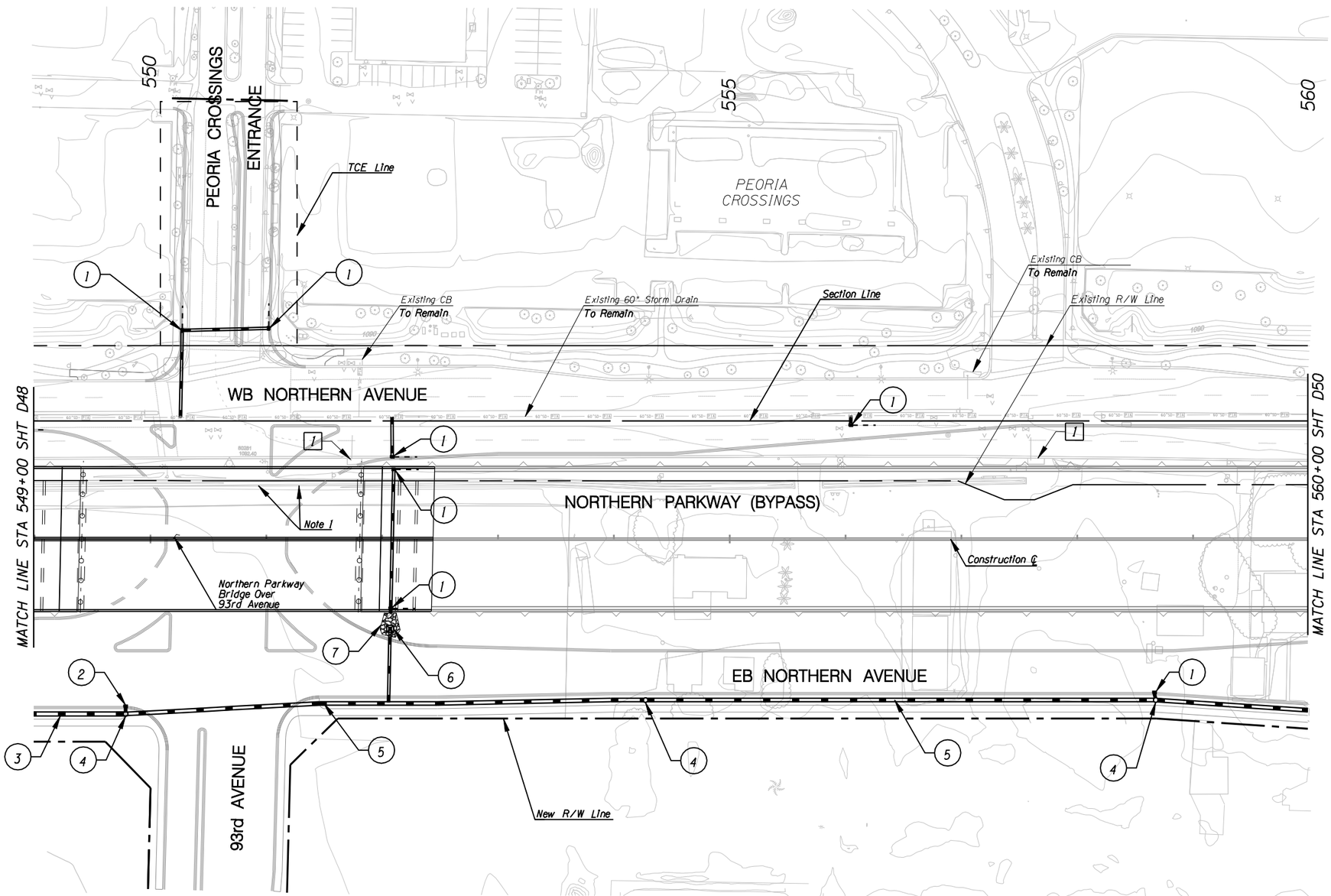
SHEET D48

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan48.dgn

English

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



REMOVAL /RELOCATE

1 Remove CB

CONSTRUCTION

1. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
2. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2
3. New 42" Storm Drain
4. New Storm Drain Manhole
5. New 36" Storm Drain
6. New 24" Storm Drain w/ New Area Catch Basin, MAG Std Det 535, Type F
7. New Dumped Riprap Apron

NOTES:

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

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

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

DRAINAGE PLAN SHEET
STA 549+00 TO STA 560+00

SHEET D49

TRACS NO. 0000 MA MMA SS593 OIC

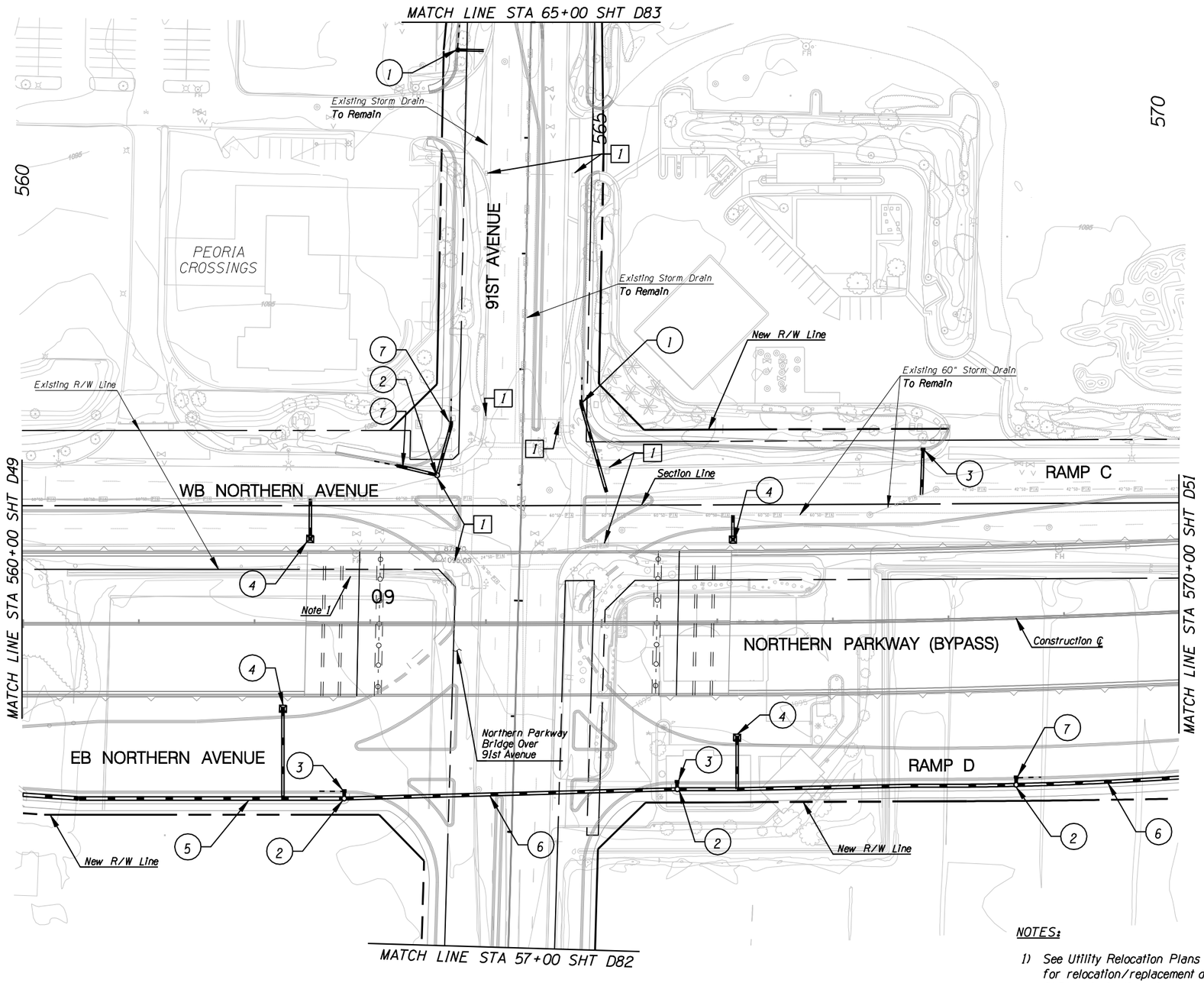
English

5/28/2009
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan49.dgn

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

REMOVAL /RELOCATE

1 Remove CB



NOTES:

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

CONSTRUCTION

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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 560+00 TO STA 570+00

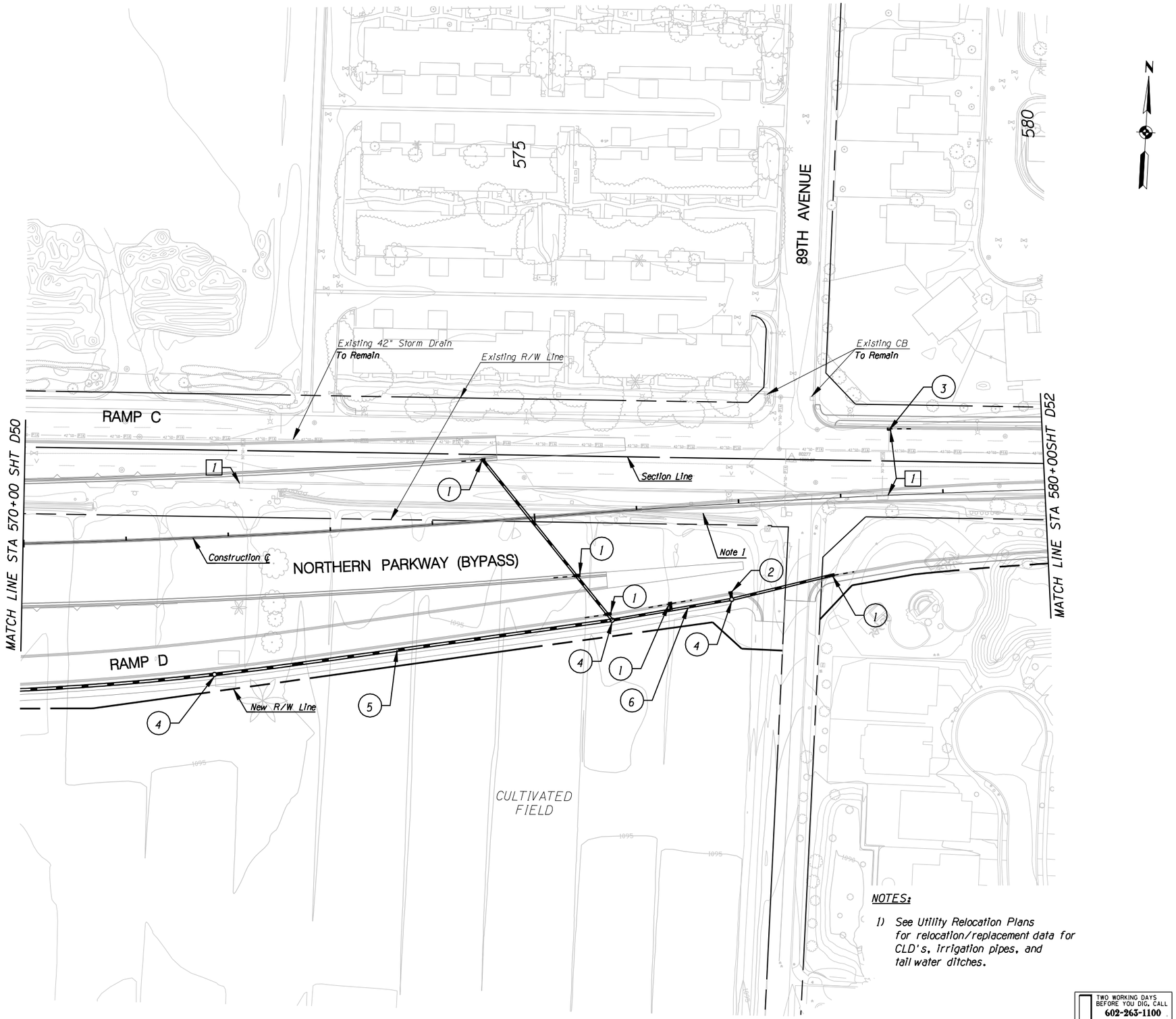
SHEET D50

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan50.dgn

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



NOTES:

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

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

REMOVAL /RELOCATE

1 Remove CB

CONSTRUCTION

1. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2, and 20' Slotted Drain
2. New Catch Basin MAG Std Det 533-2
3. Extend 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
4. New Storm Drain Manhole
5. New 30" Storm Drain
6. 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

URS

DRAINAGE PLAN SHEET
STA 570+00 TO STA 580+00

SHEET D51

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan51.dgn

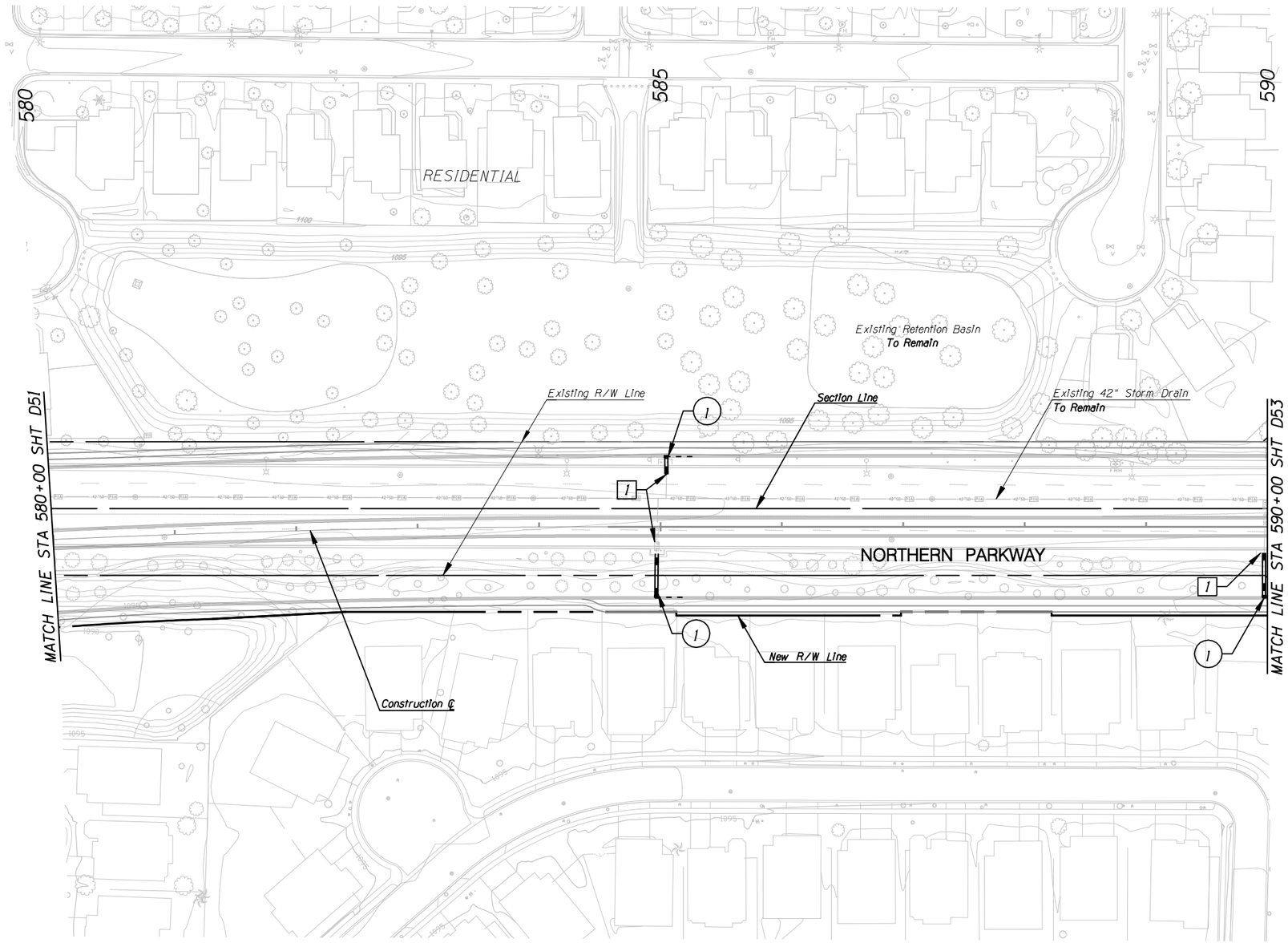
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1 Remove CB

○ **CONSTRUCTION** ○

1 Extend 30" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain



NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

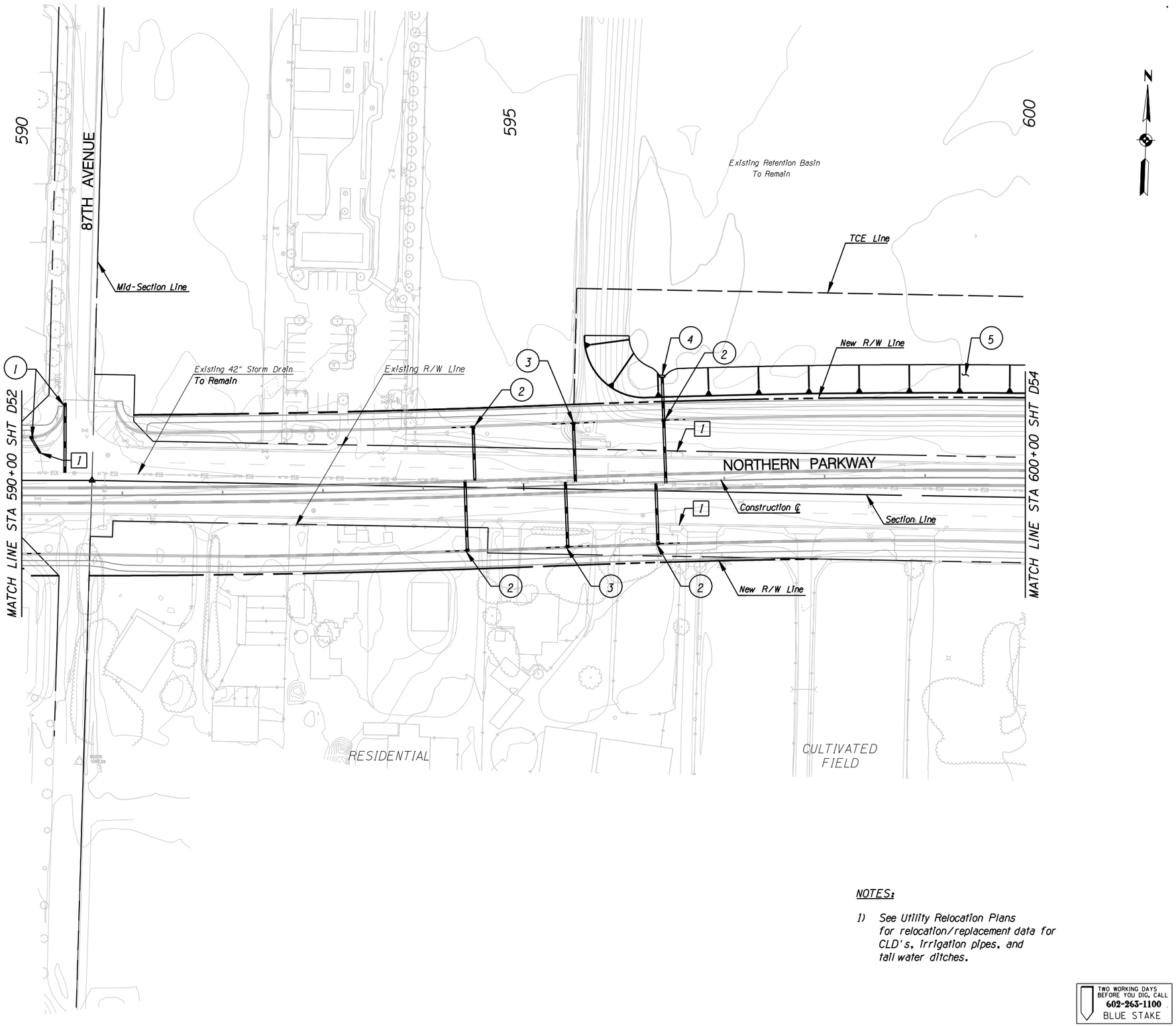
DRAINAGE PLAN SHEET
STA 580+00 TO STA 590+00

SHEET D52

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan52.dgn



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

REMOVAL /RELOCATE

1 Remove CB

CONSTRUCTION

1. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2
2. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
3. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 40' Slotted Drain
4. New 24" Storm Drain w/ Bleedoff Structure
5. Regrade Detention Basin Side Slope For Roadway Embankment, 4:1 SS

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

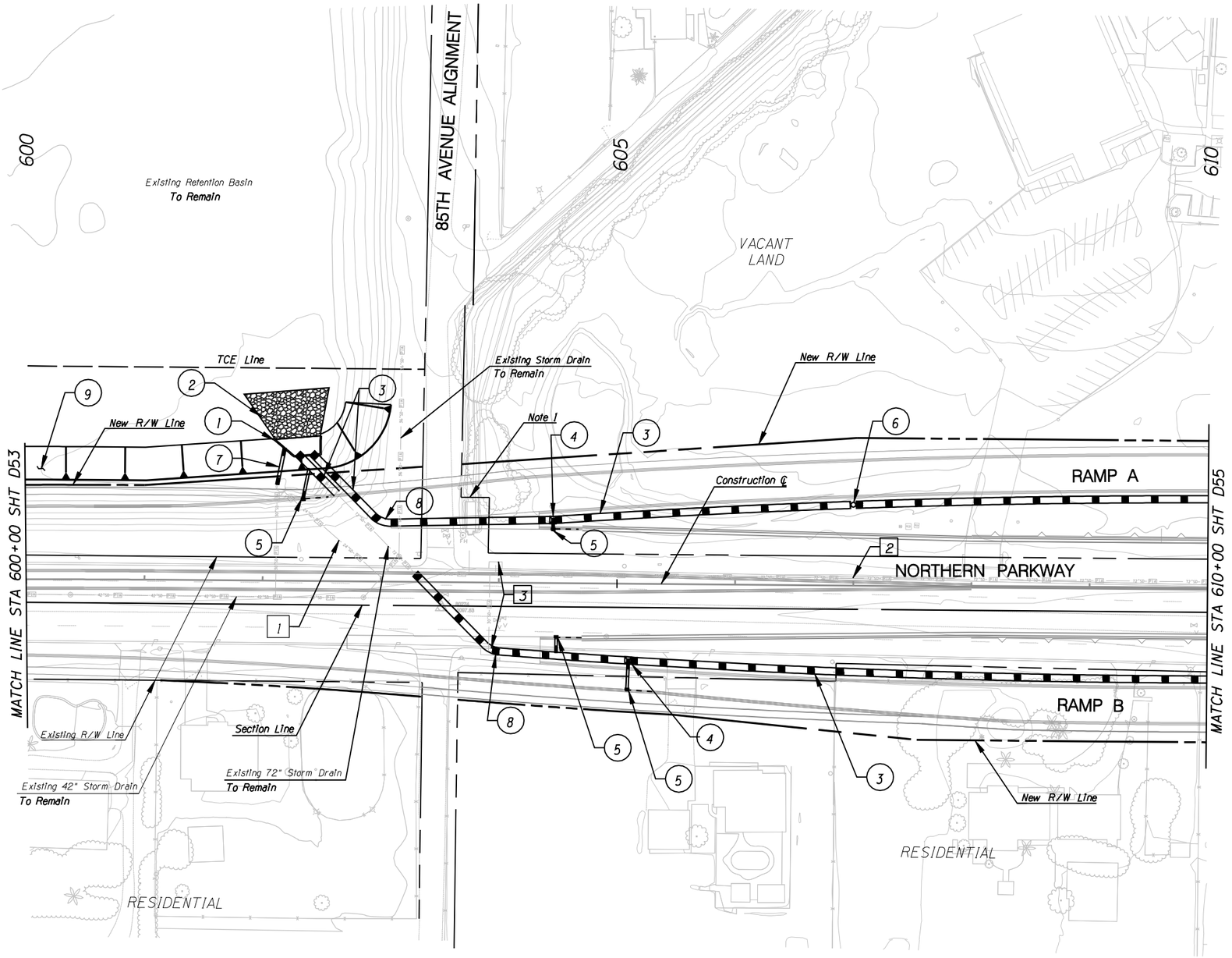
DRAINAGE PLAN SHEET
STA 590+00 TO STA 600+00

SHEET D53

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan53.dgn



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

REMOVAL /RELOCATE

1. Remove 24" Storm Drain
2. Remove 72" Storm Drain
3. Remove CB

CONSTRUCTION

1. New Pipe Outlet Headwall, Double ADOT Std Det B-11.14
2. Dumped Riprap Apron
3. New 72" Storm Drain
4. New Area Catch Basin MAG Std Det 538, Type H
5. New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
6. New Storm Drain Manhole
7. Extend 30" Pipe
8. Pipe Bend, 45-deg, Long Radius
9. Regrade Detention Basin Side Slope For Roadway Embankment, 4:1 SS

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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 600+00 TO STA 610+00

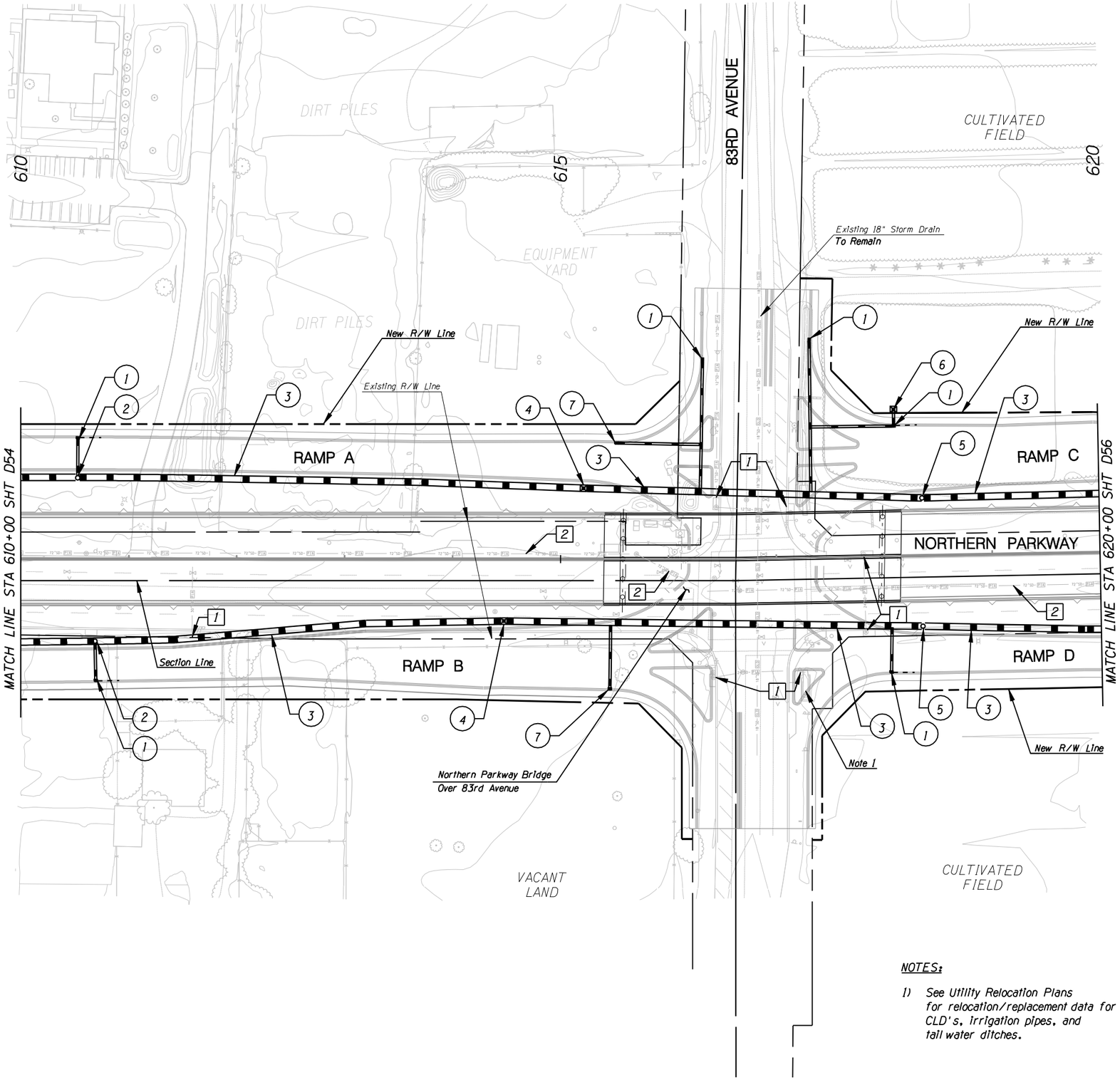
SHEET D54

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan54.dgn

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



REMOVAL /RELOCATE

1. Remove CB
2. Remove 72" Storm Drain

CONSTRUCTION

1. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
2. New Storm Drain Manhole
3. New 72" Storm Drain
4. New Area Catch Basin MAG Std Det 538, Type H
5. New Storm Drain Manhole w/ Slotted Manhole Lid
6. New 24" Storm Drain w/ New Area Catch Basin MAG Std Det 535, Type F
7. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2

NOTES:

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

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

NO.	REVISION	BY	DATE
1			
2			
3			

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 610+00TO STA 620+00

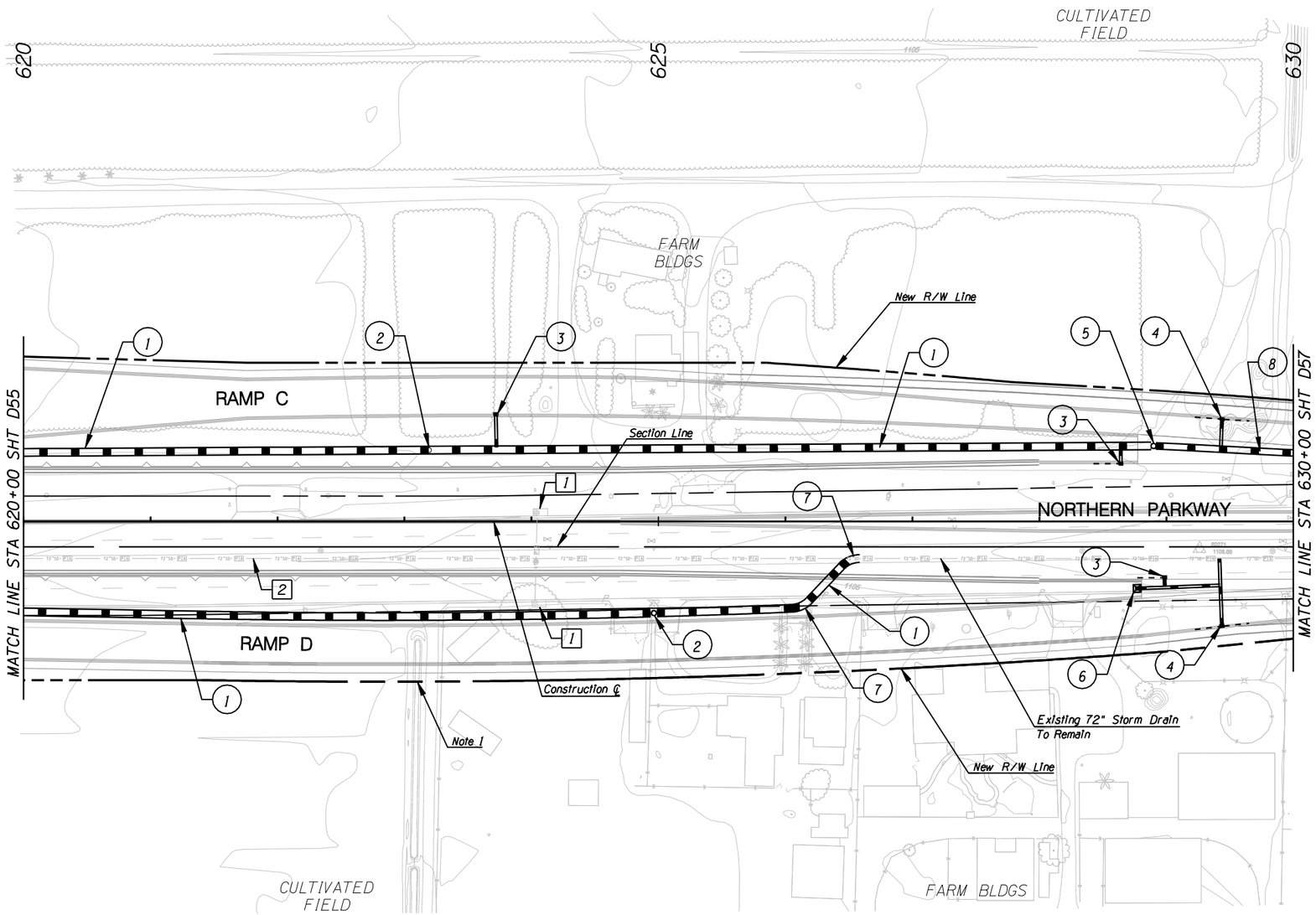
SHEET D55

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan55.dgn

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



REMOVAL /RELOCATE

1. Remove CB
2. Remove 72" Storm Drain

CONSTRUCTION

1. New 72" Storm Drain
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 w/ Catch Basin, MAG Std Det 533-2 and 40' Slotted Drain
5. New Storm Drain Manhole w/ Slotted Manhole Lid
6. New 24" Storm Drain w/ New Area Inlet MAG Std Det 535, Type F
7. 45-Degree Long Radius Bend
8. New 60" Storm Drain

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

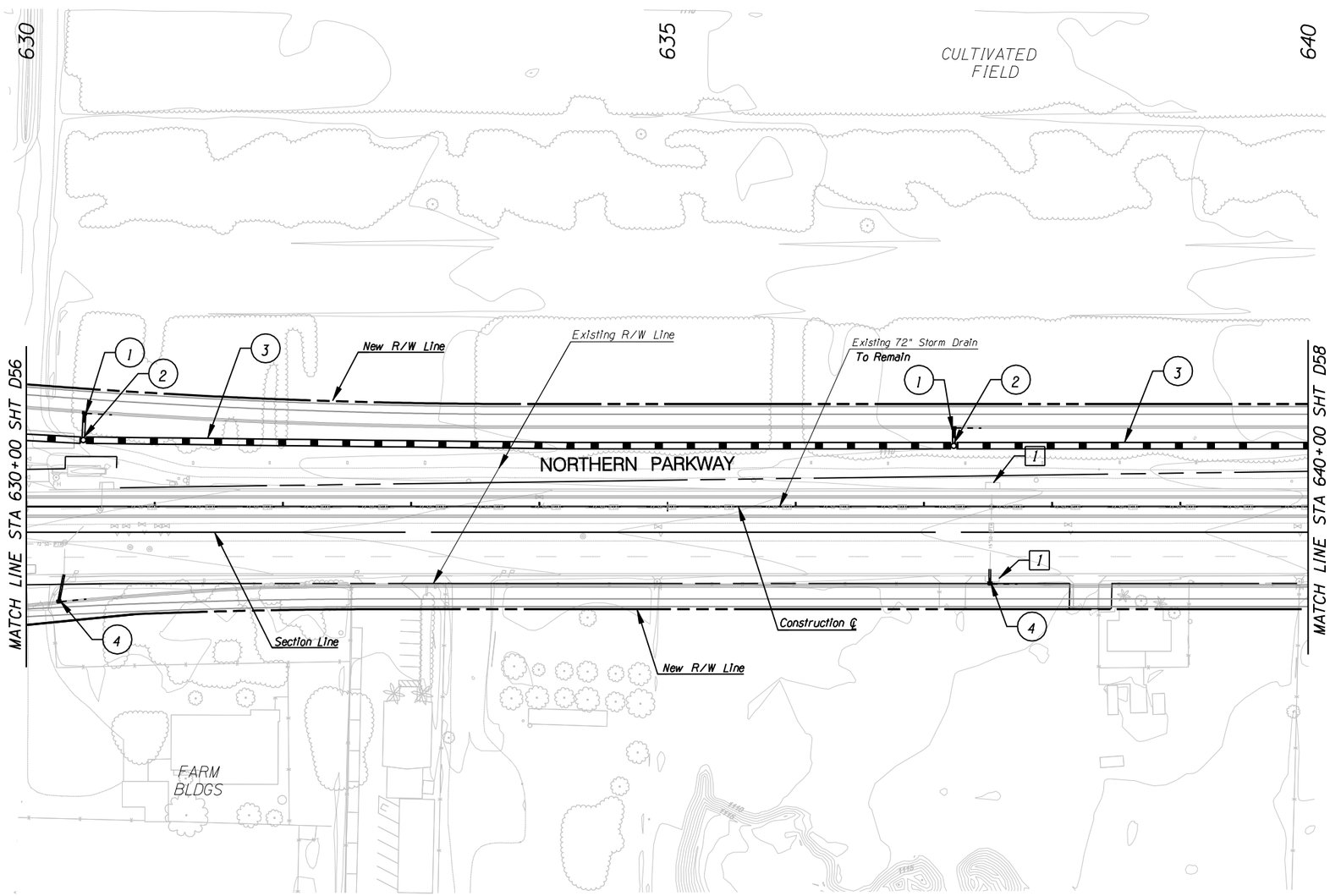
DRAINAGE PLAN SHEET
STA 620+00TO STA 630+00

SHEET D56

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan56.dgn



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

REMOVAL /RELOCATE

1 Remove CB

CONSTRUCTION

1. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
2. New Storm Drain Manhole
3. New 60" Storm Drain
4. Extend 15" Storm Drain w/ New Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain

NOTES:

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

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

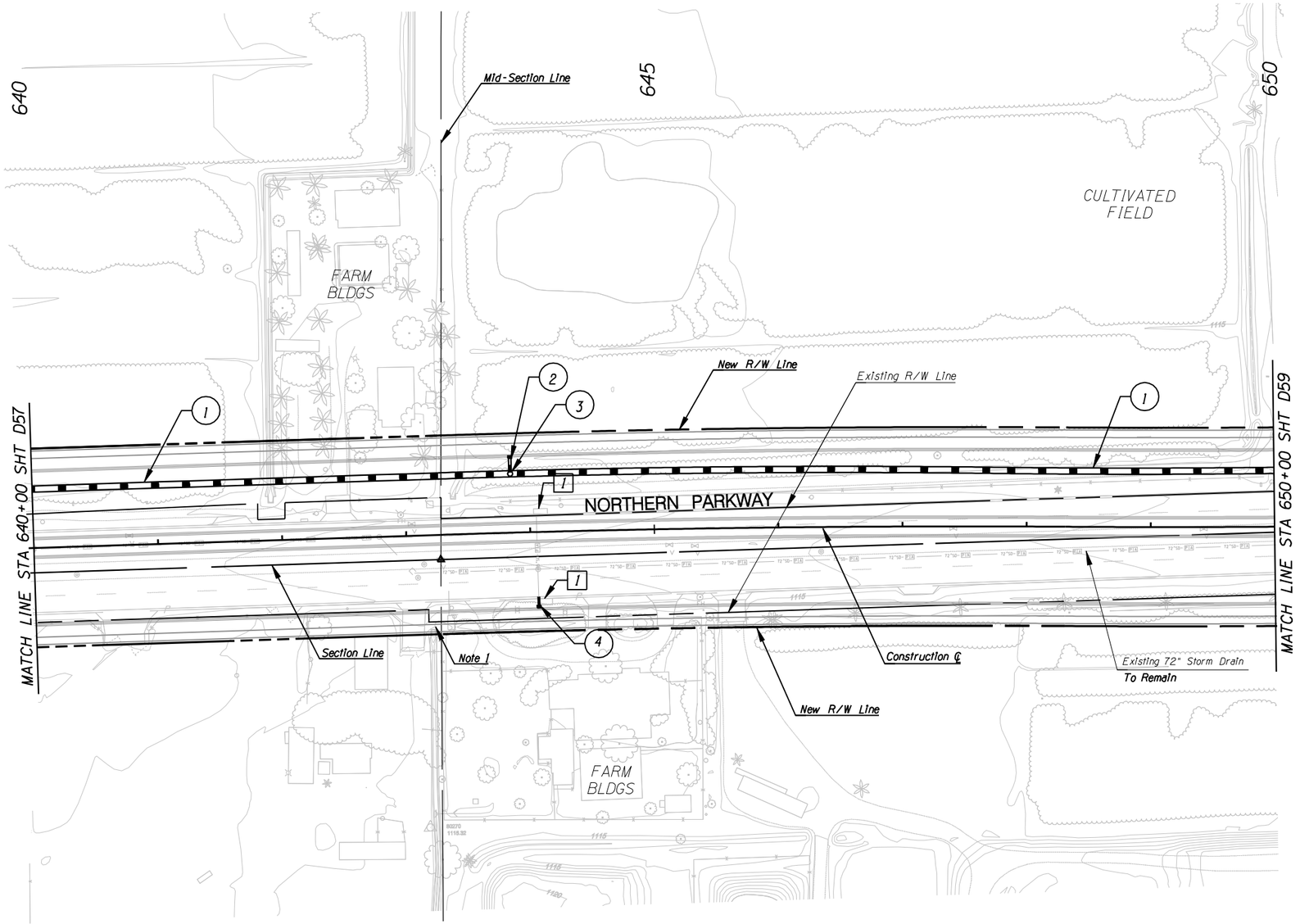
DRAINAGE PLAN SHEET
STA 630+00 TO STA 640+00

SHEET D57

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan57.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1 Remove CB

○ **CONSTRUCTION** ○

1. New 60" Storm Drain
2. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
3. New Storm Drain Manhole
4. Extend 15" Storm Drain w/ New Catch basin, MAG Std Det 533-2 and 20' Slotted Drain

NOTES:

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

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 640+00 TO STA 650+00

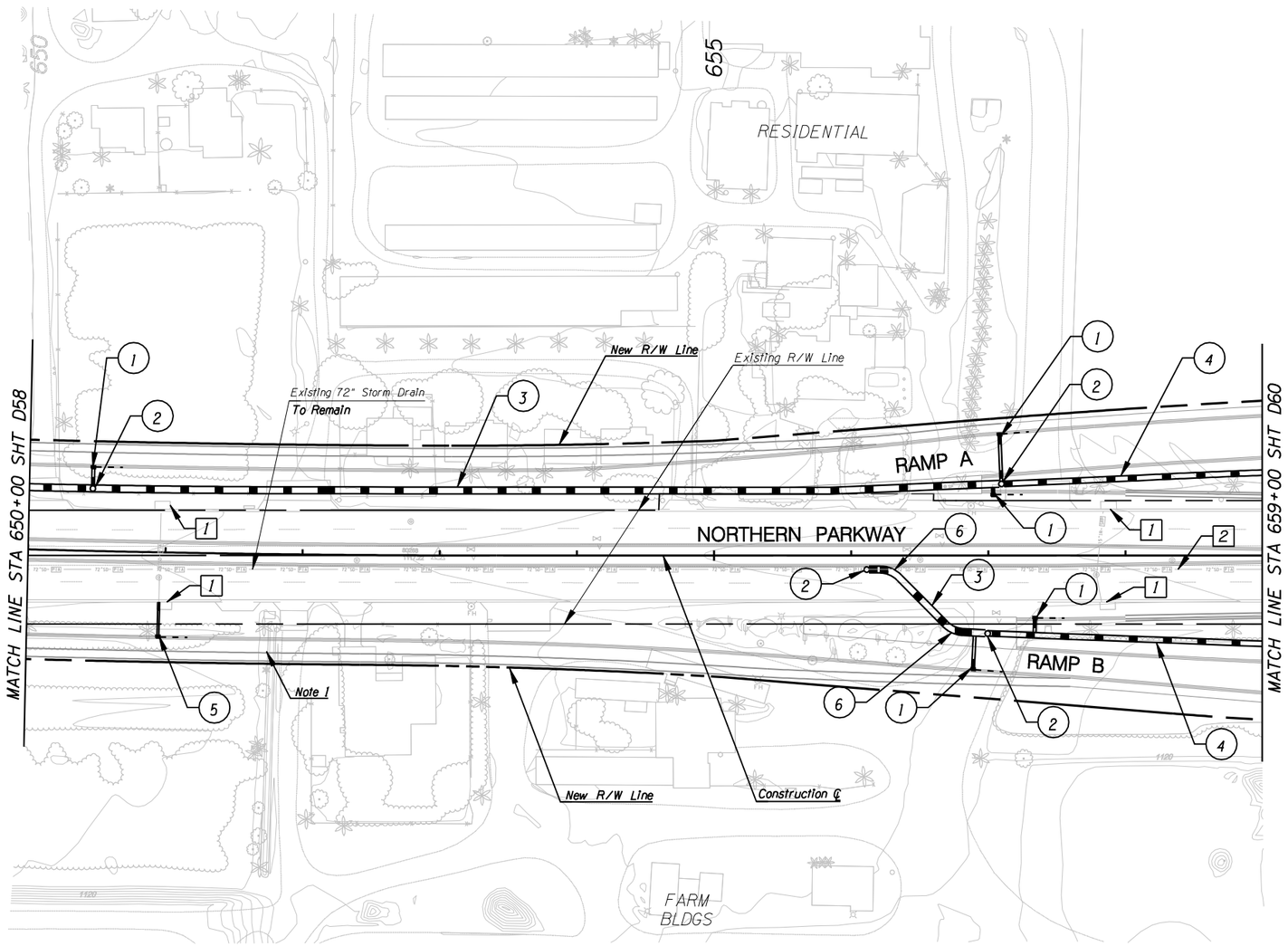
SHEET D58

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan58.dgn

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



REMOVAL /RELOCATE

1. Remove CB
2. Remove 72" Storm Drain

CONSTRUCTION

1. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
2. New Storm Drain Manhole
3. New 60" Storm Drain
4. New 48" Storm Drain
5. Extend 15" Storm Drain w/ New Catch Basin. MAG Std Det 533-2 and 20' Slotted Drain
6. 45-Degree Long Radius Bend

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

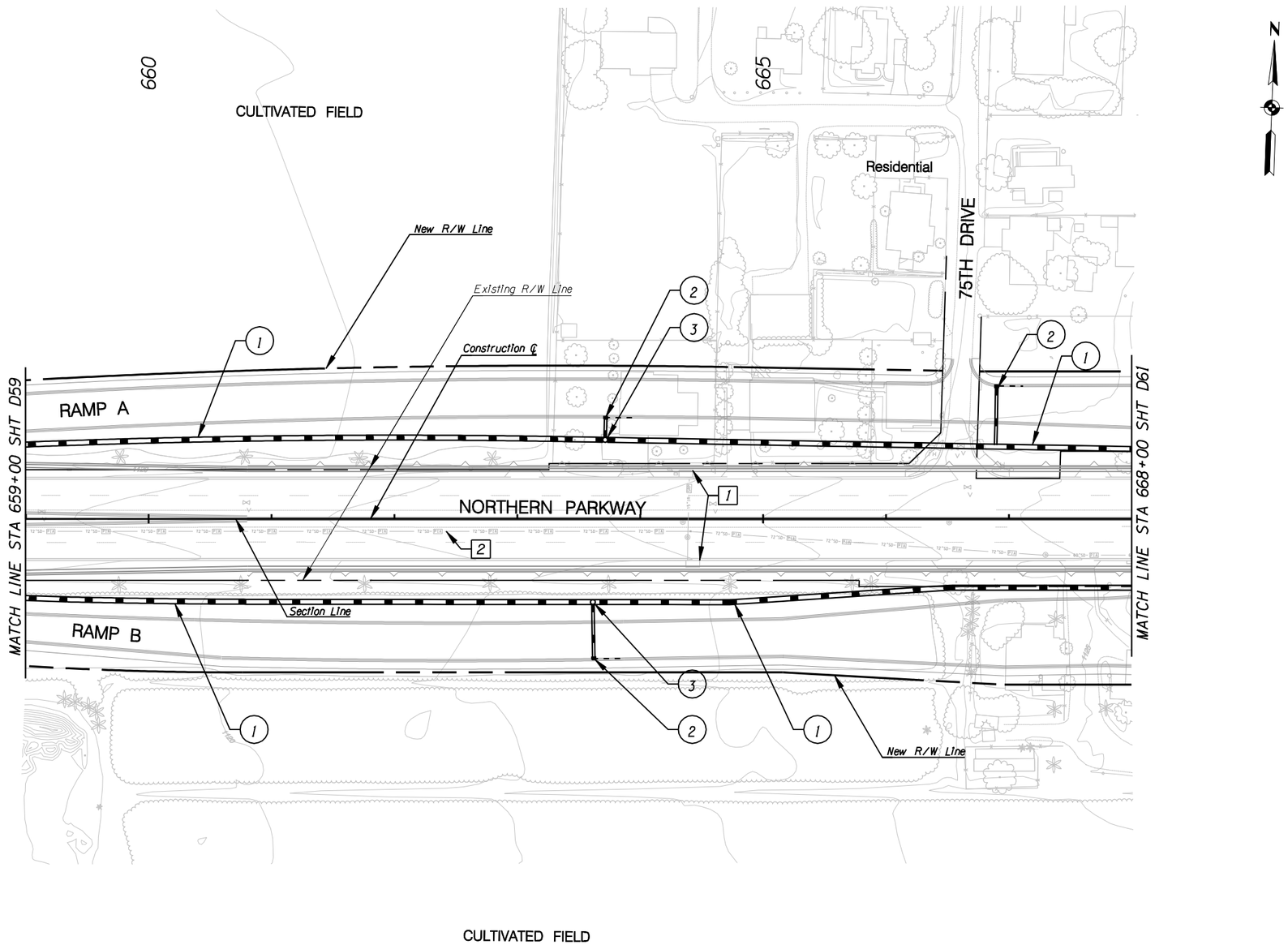
DRAINAGE PLAN SHEET
STA 650+00 TO STA 659+00

SHEET D59

TRACS NO. 0000 MA MMA SS593 OIC

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan59.dgn

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



☐ **REMOVAL /RELOCATE** ☐

1. Remove CB
2. Remove 72" 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 Storm Drain Manhole

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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 659+00 TO STA 668+00

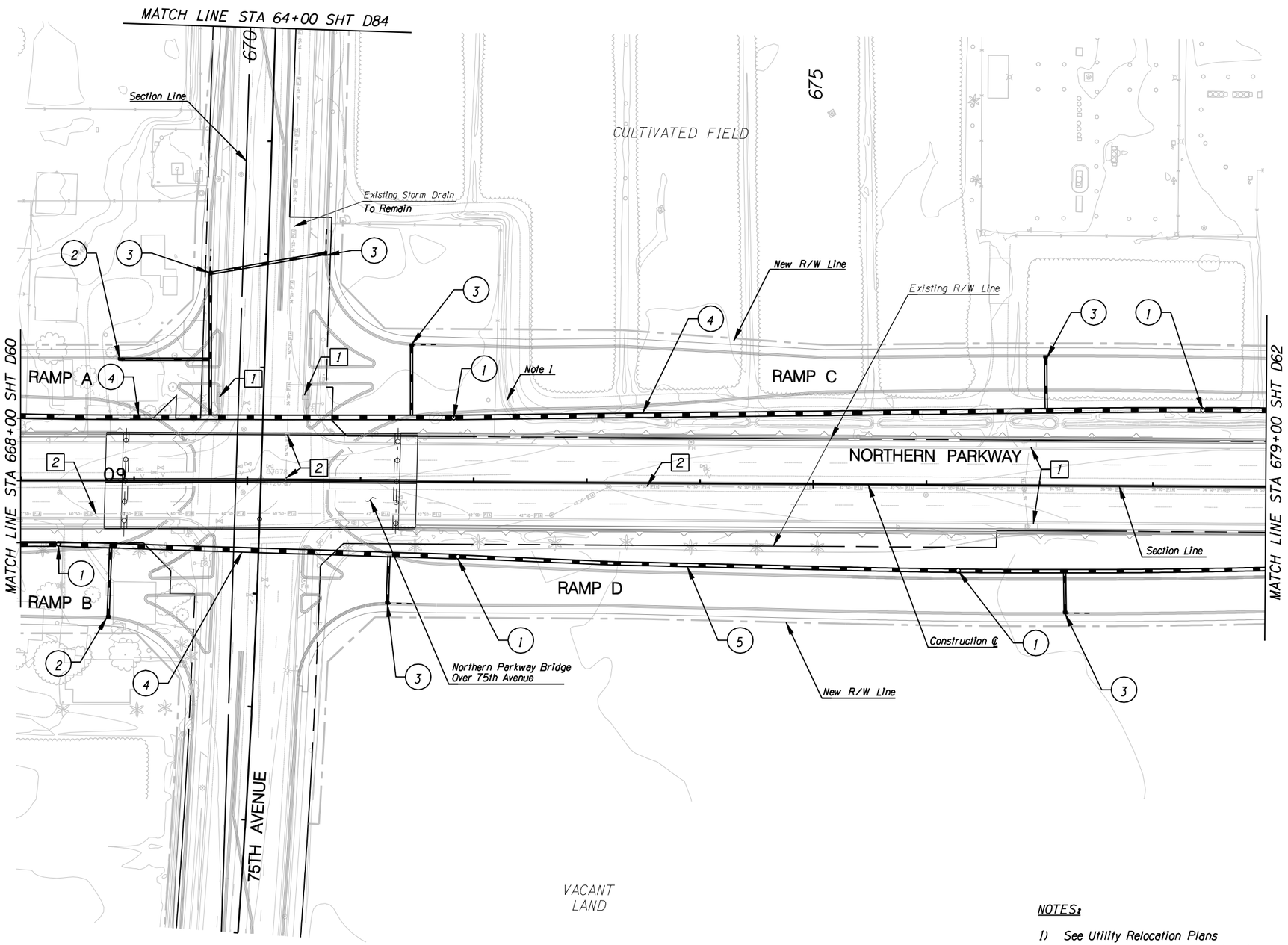
SHEET D60

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan60.dgn

English

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



REMOVAL /RELOCATE

1. Remove CB
2. Remove Existing Storm Drain

CONSTRUCTION

1. New Storm Drain Manhole w/ Slotted Manhole Lid
2. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2
3. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
4. New 48" Storm Drain
5. New 36" Storm Drain

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

DRAINAGE PLAN SHEET
STA 668+00 TO STA 679+00

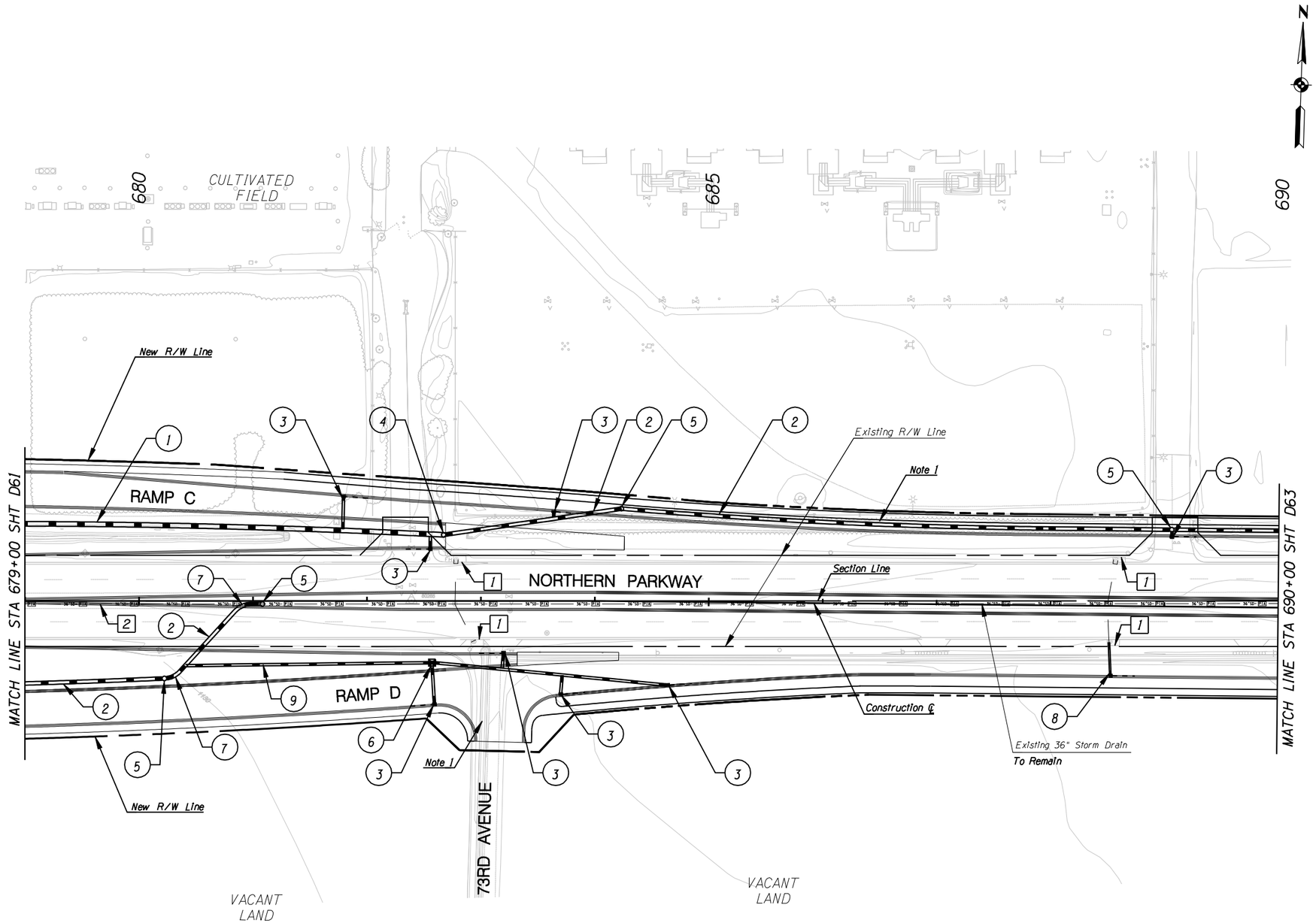
SHEET D61

TRACS NO. 0000 MA MMA SS593 01C

English

5/29/2009
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan61.dgn

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



NOTES:

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

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

REMOVAL /RELOCATE

1. Remove CB
2. Remove Storm Drain

CONSTRUCTION

1. New 48" Storm Drain
2. New 36" Storm Drain
3. New 24" Storm Drain w/ Catch Basin, MAG STd Det 533-2 and 20' Slotted Drain
4. New Storm Drain Manhole w/ Slotted Manhole Lid
5. New Storm Drain Manhole
6. New Area Catch Basin MAG Std Det 535, Type F
7. 45-Degree Long Radius Bend
8. Extend 15" Storm Drain w/ New Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
9. New 24" Storm Drain

NO.	REVISION	BY	DATE
3			
2			
1			

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 679+00 TO STA 690+00

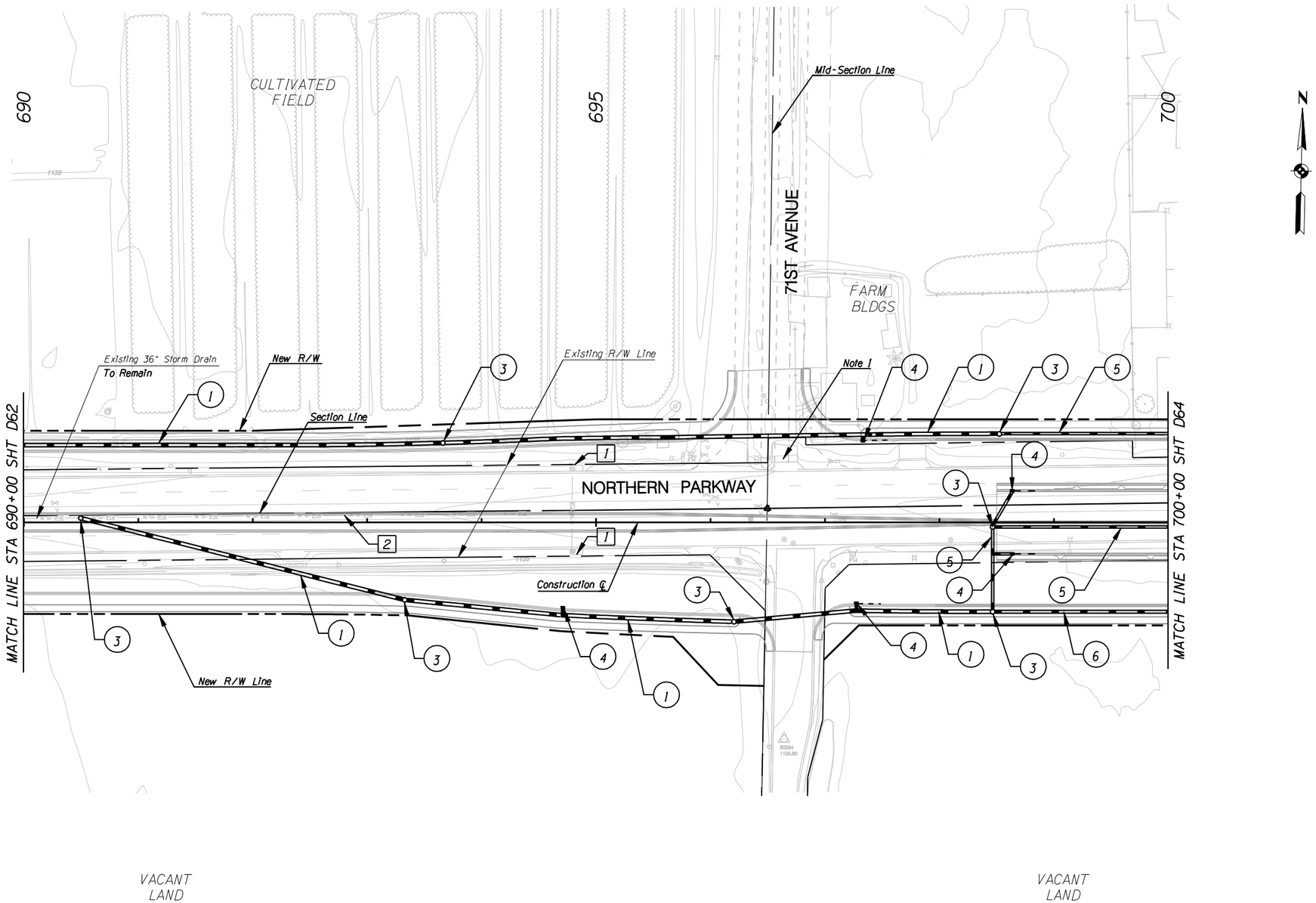
SHEET D62

TRACS NO. 0000 MA MMA SS593 01C

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan62.dgn

English

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



REMOVAL /RELOCATE

1. Remove CB
2. Remove Existing Storm Drain

CONSTRUCTION

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

NOTES:

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

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

NO.	REVISION	BY	DATE
1			
2			
3			

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 690+00 TO STA 700+00

SHEET D63

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan63.dgn

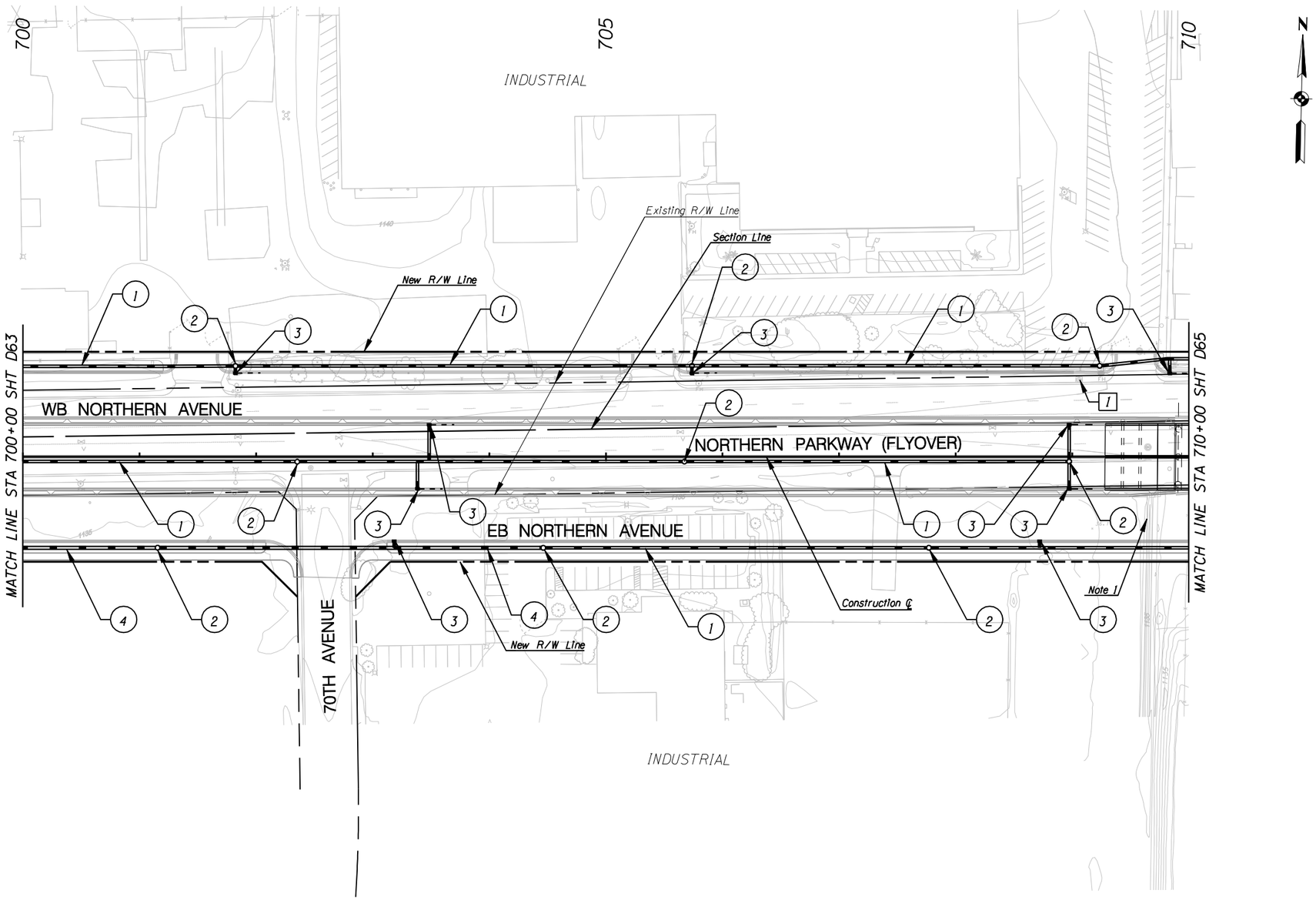
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1 Remove CB

○ **CONSTRUCTION** ○

1. New 24" Storm Drain
2. New Storm Drain Manhole
3. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain
4. New 30" Storm Drain



NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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 700+00 TO STA 710+00

SHEET D64

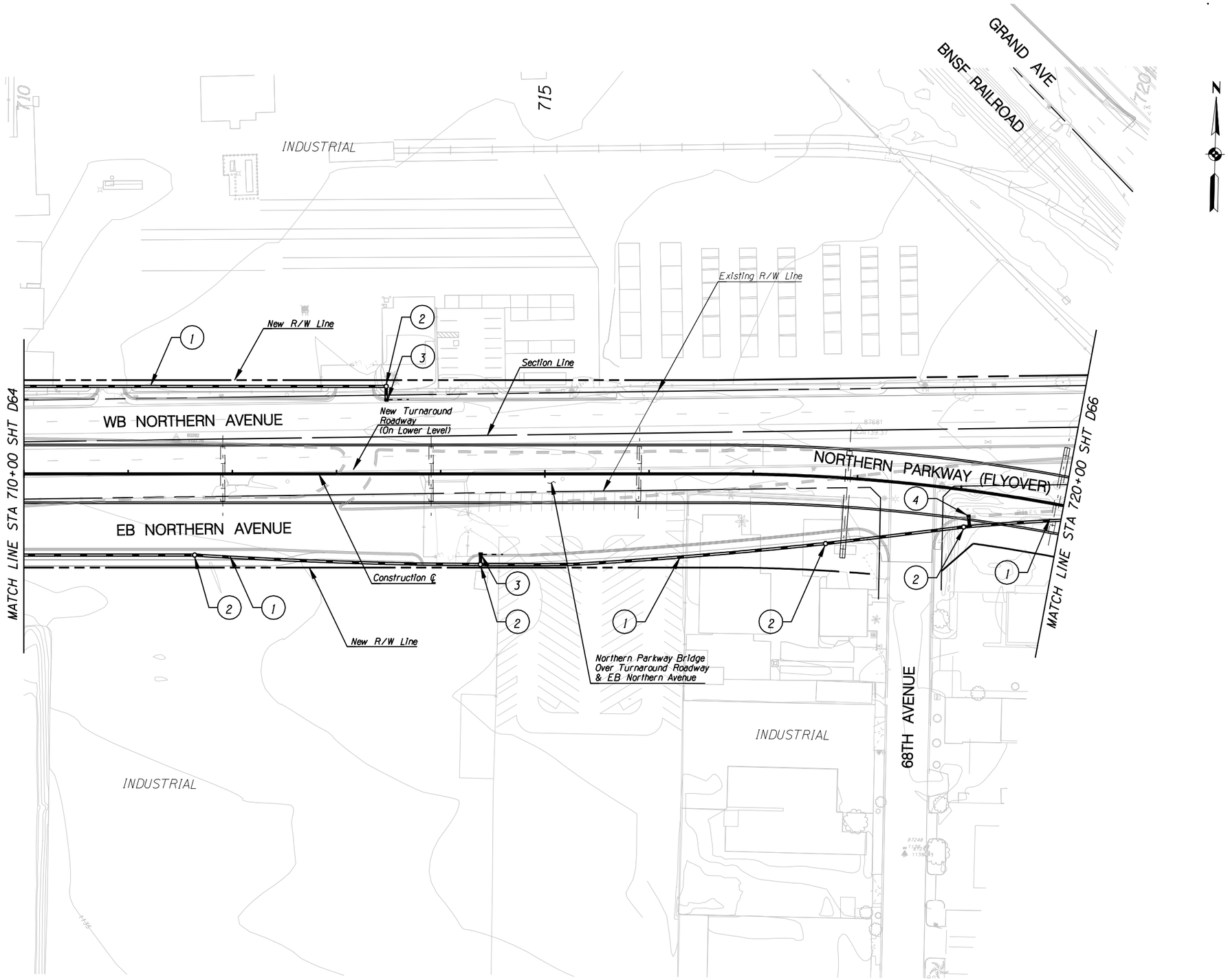
TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan64.dgn

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

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

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

DRAINAGE PLAN SHEET
STA 710+00 TO STA 720+00

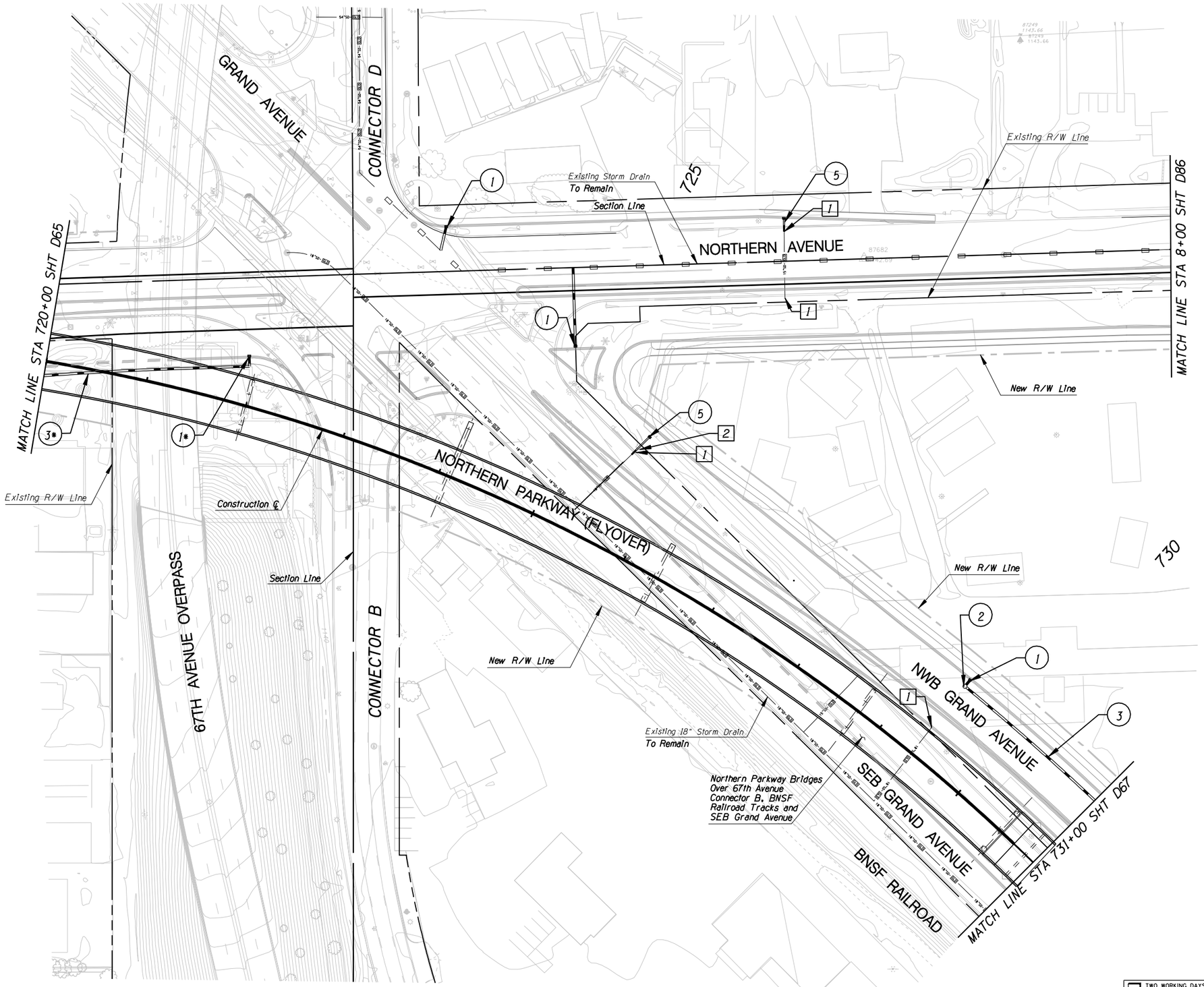
SHEET D65

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan65.dgn

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



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

REMOVAL /RELOCATE

1. Remove CB
2. Remove Headwall

CONSTRUCTION

1. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2
2. New Storm Drain Manhole
3. New 24" Storm Drain
5. Extend 15" Storm Drain w/ New Catch basin MAG Std Det 533-2

* Storm Drain Along Northern Ave.

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

DRAINAGE PLAN SHEET
STA 720+00 TO STA 731+00

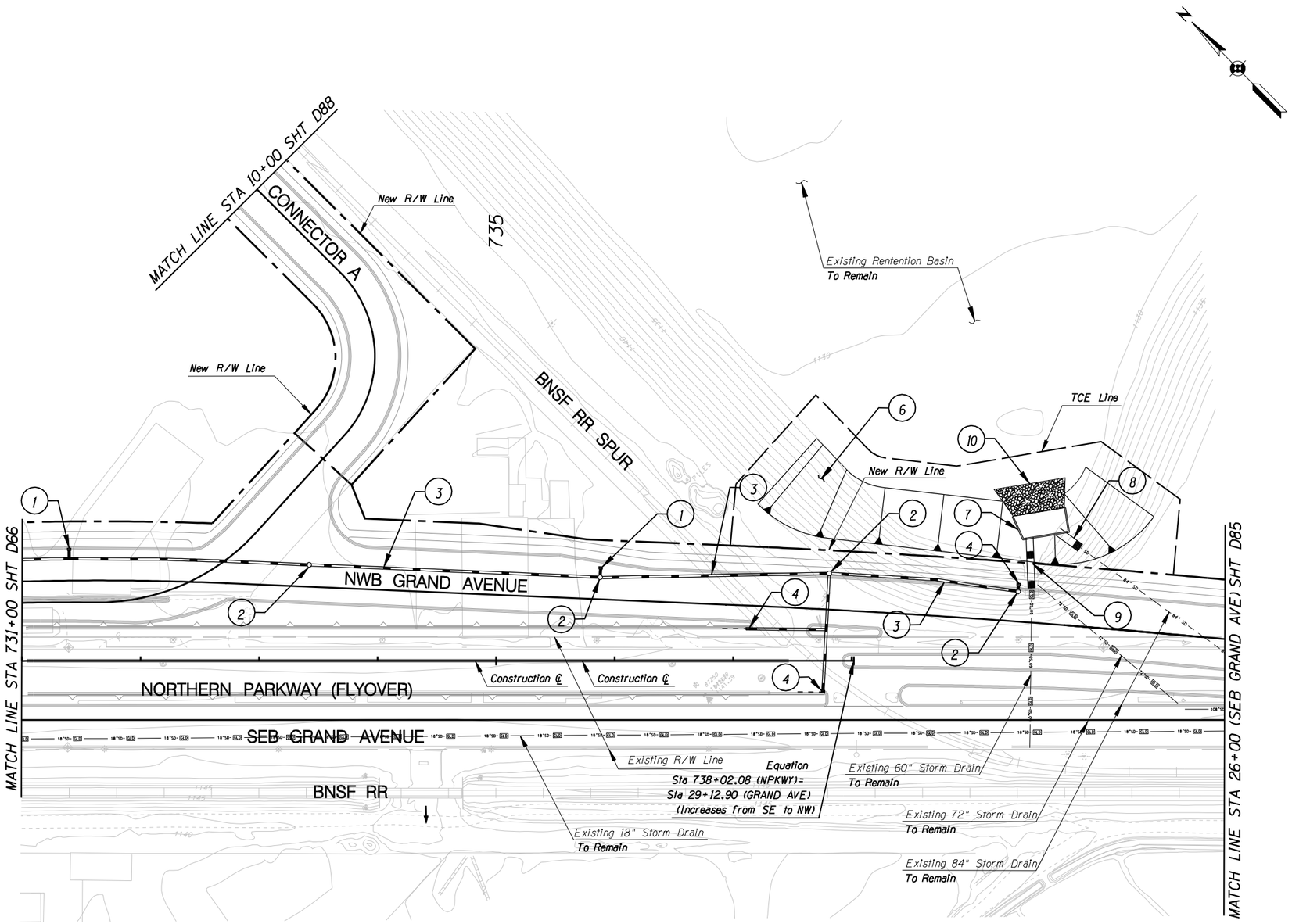
SHEET D66

TRACS NO. 0000 MA MMA SS593 01C

5/28/2009
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan66.dgn

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

☐ **REMOVAL /RELOCATE** ☐



☐ **CONSTRUCTION** ☐

1. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2
2. New Storm Drain Manhole
3. New 24" Storm Drain
4. New 24" Storm Drain w/ Catch Basin MAG Std Det 533-2 and 20' Slotted Drain
5. New Pipe Headwall MAG Std Det 501-4
6. Regrade Retention Basin Side Slope For Roadway Embankment, 4:1 SS
7. New Dual Pipe Outlet Headwall Special Design (84" and 72" Pipes)
8. Extend 84" Storm Drain
9. Extend 72" Storm Drain
10. New Riprap Outlet Protection
11. Excavation for New Detention Basin
12. New Bleedoff Structure

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	D. STOUGH	7/08
DRAWN	L. WAGNER	7/08
CHECKED	R. MILES	7/08

URS

DRAINAGE PLAN SHEET
STA 731+00 TO STA 738+00

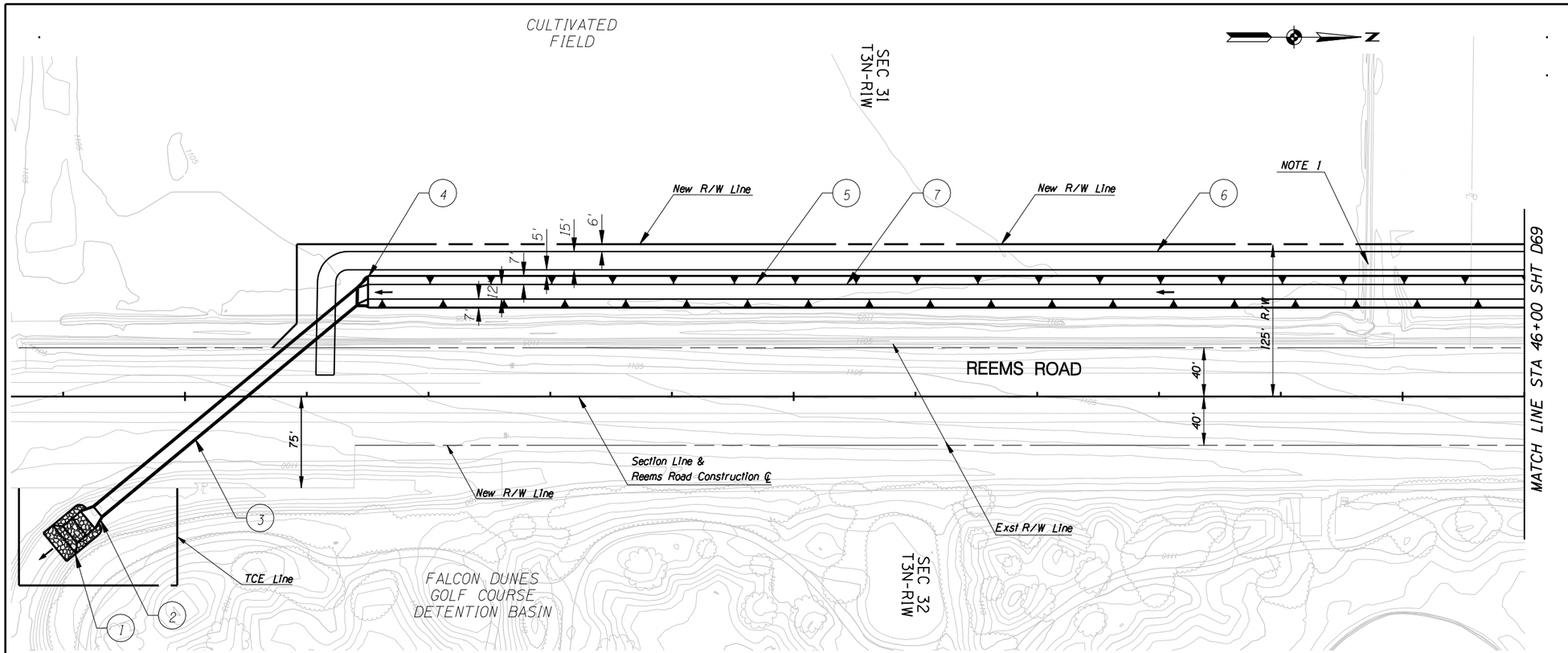
SHEET D67

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

TRACS NO. 0000 MA MMA SS593 01C

English

6/8/2009
p:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan67.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. New Dumped RIPRAP Plunge Basin
2. New CBC Outlet Wingwall per ADOT Std Det B-04.10 Skew-0°, 2:1 SS
3. New 10' x 6' CBC
4. New CBC Inlet Wingwall per ADOT Std Det B-04.70 Skew- 45° Rt, 2:1 SS
5. Excavation for Trapezoidal Channel 12' bot. width, 3.5' depth 2:1 SS
6. O & M Road, 15' Wide
7. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

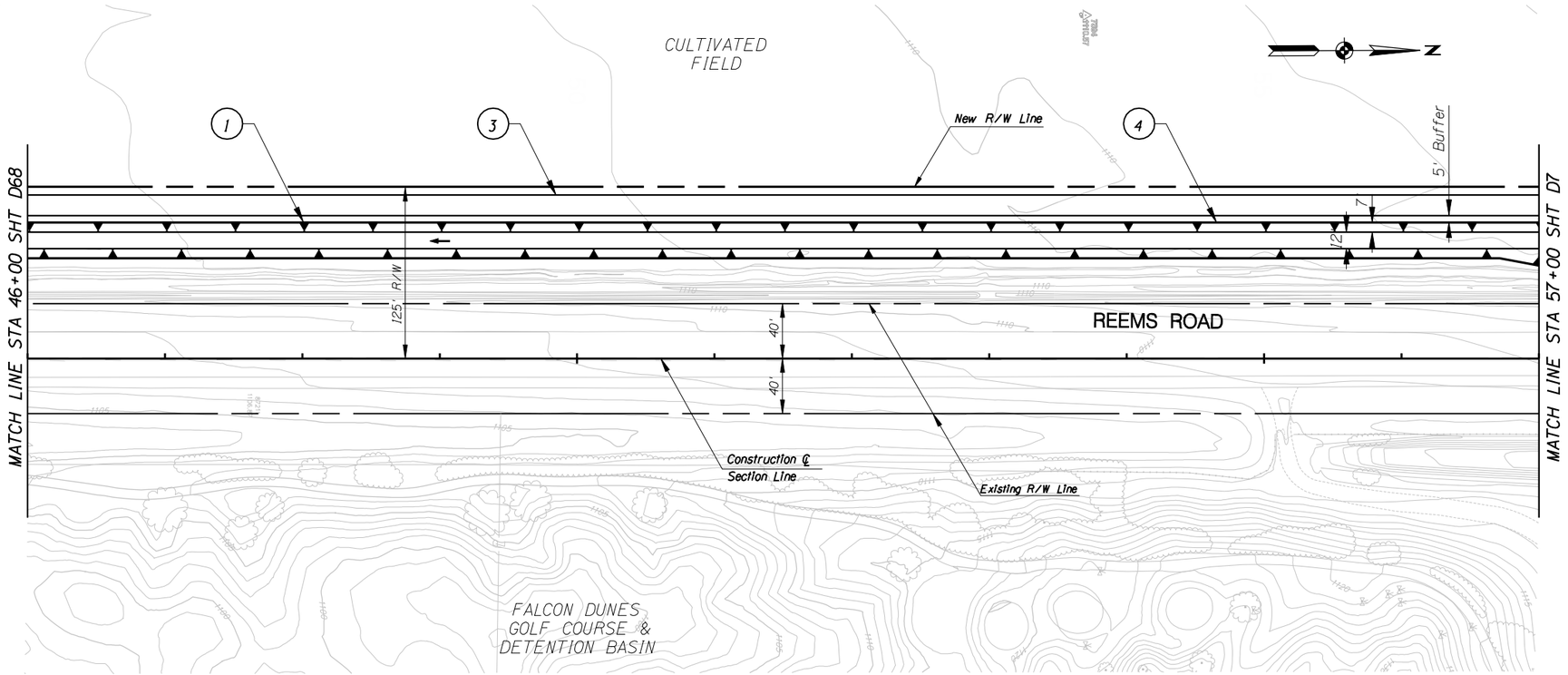
REEMS ROAD SOUTH CHANNEL
STA 34+00 TO 46+00

SHEET D68

TRACS NO. 0000 MA MMA SS593 01C

English

4/15/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*Drainage*TT108chan68.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. Channel Excavation for Trapezoidal Channel 12' Bottom Width, 3.5' Depth, 2:1 SS
3. O & M Road, 15' Wide
4. New Concrete Channel Bank Lining 6" Thick, Steel Reinforced

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

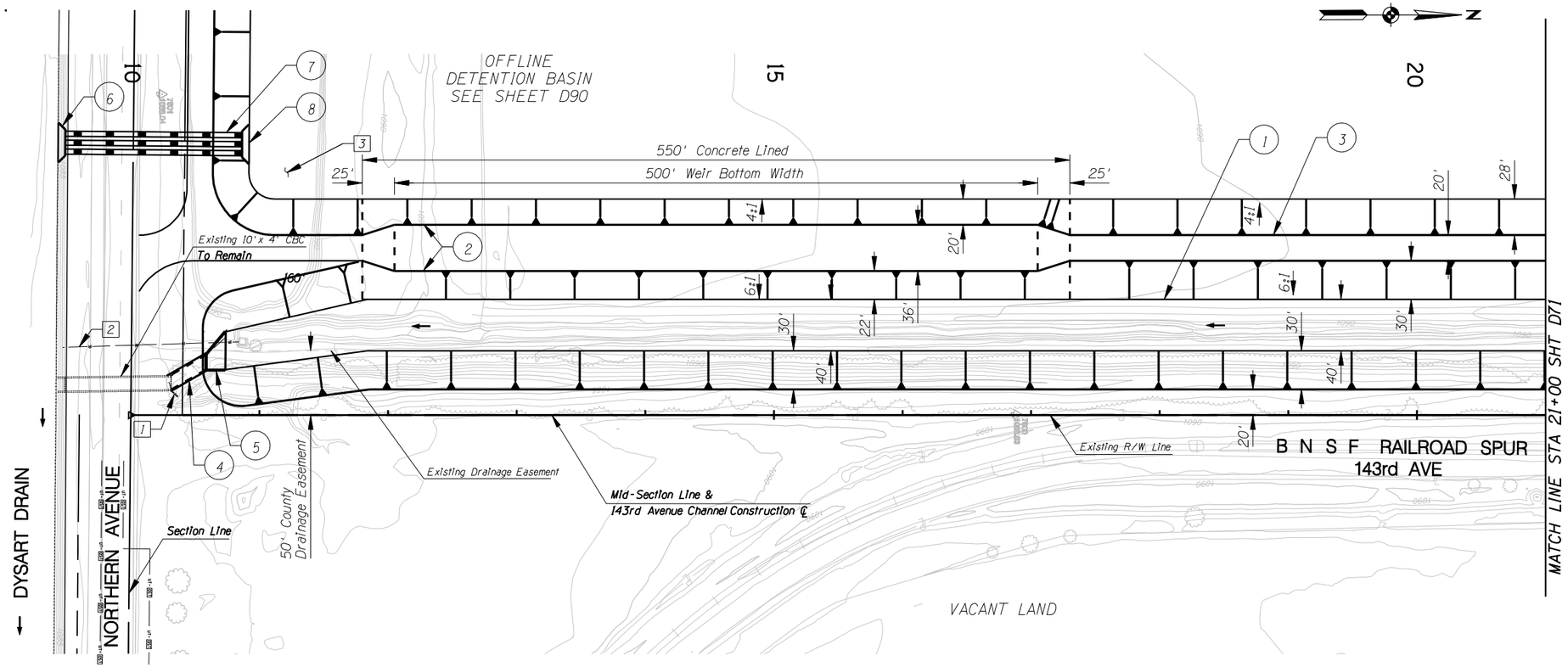
REEMS ROAD SOUTH CHANNEL
STA 46+00 TO 57+00

SHEET D69

TRACS NO. 0000 MA MMA SS593 OIC

English

4/15/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*Drainage*TT108chan69.dgn



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

☐ REMOVAL /RELOCATE ☐

1. Remove Existing Concrete Wingwall
2. Remove Existing Irrigation Pipe
3. Remove/Fill In Existing Irrigation Sump

◯ CONSTRUCTION ◯

1. Excavation for Trapezoidal Channel 40' Bot. Width, 5' Depth, 6:1 SS
2. New Concrete Channel Bank Lining & Weir 6" Thick, Steel Reinforced
3. O & M Road, 15' Wide
4. Extend 10' X 4' CBC
5. New CBC Inlet Wingwall per ADOT Std Det B-04.70 Skew -30° Lt, 6:1 SS
6. New Pipe Outlet Headwall, Triple ADOT Std Det B-11.14
7. New Bleedoff 3-48" Pipes
8. New Pipe Inlet Headwall, Triple ADOT Std Det B-11.14

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

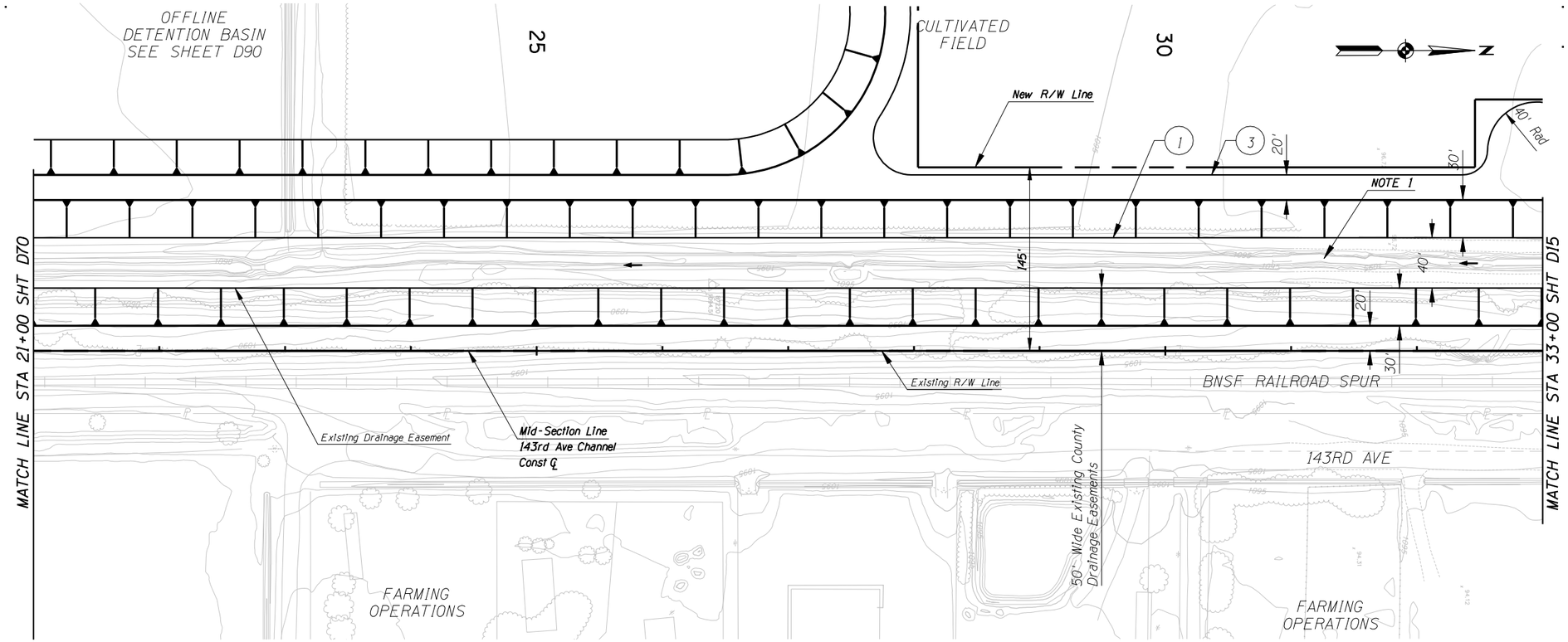
143RD AVENUE CHANNEL
STA 10+00 TO STA 21+00

SHEET D70

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan70.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. Excavation for Trapezoidal Channel 40' Bottom Width, 5' Depth, 6:1 SS
3. O & M Road, 15' Wide

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

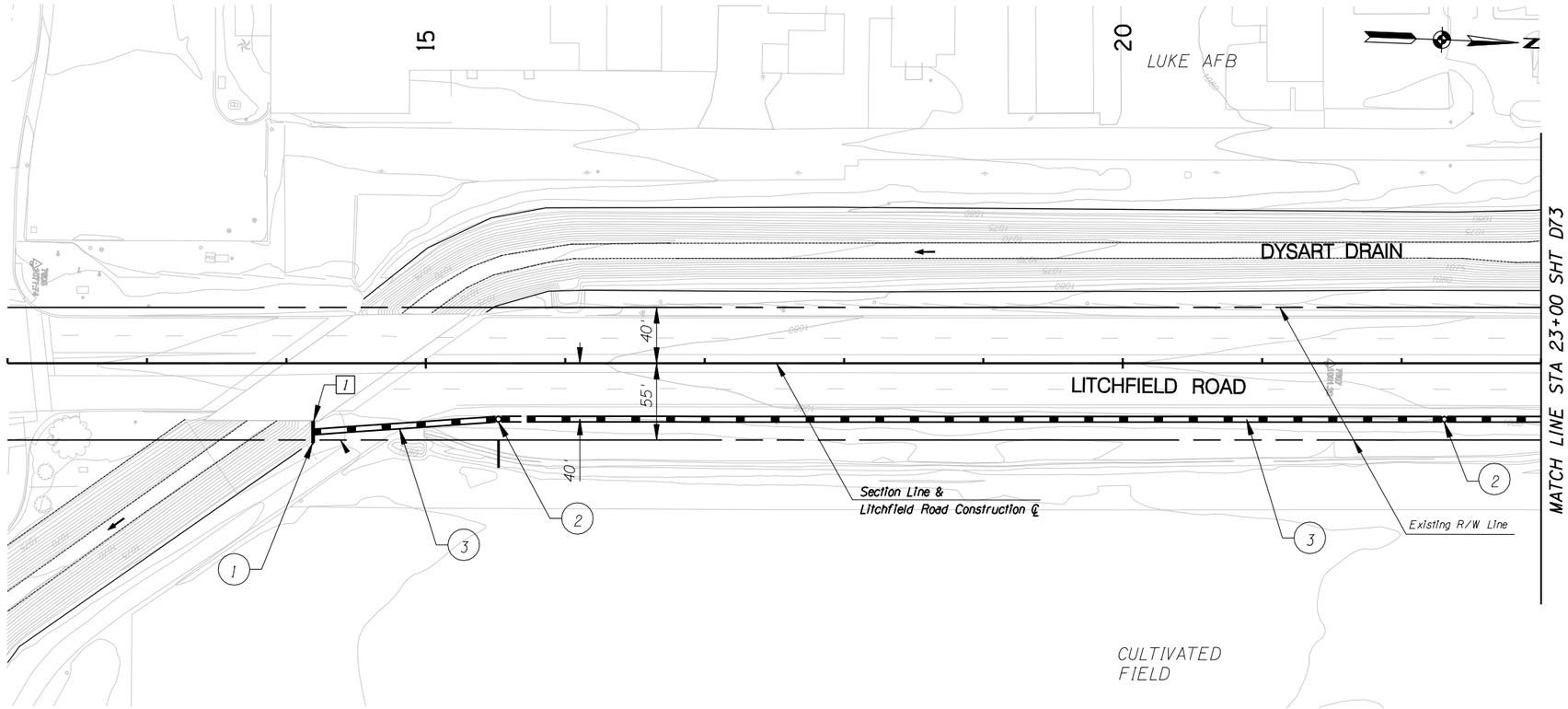
143RD AVENUE CHANNEL
STA 21+00 TO STA 33+00

SHEET
D71

TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan71.dgn



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

REMOVAL /RELOCATE

1 Remove Existing Wingwall

CONSTRUCTION

1. New Concrete Bridge Wingwall w/ New Storm Drain Outfall
2. New Storm Drain Manhole
3. New 48" Storm Drain

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

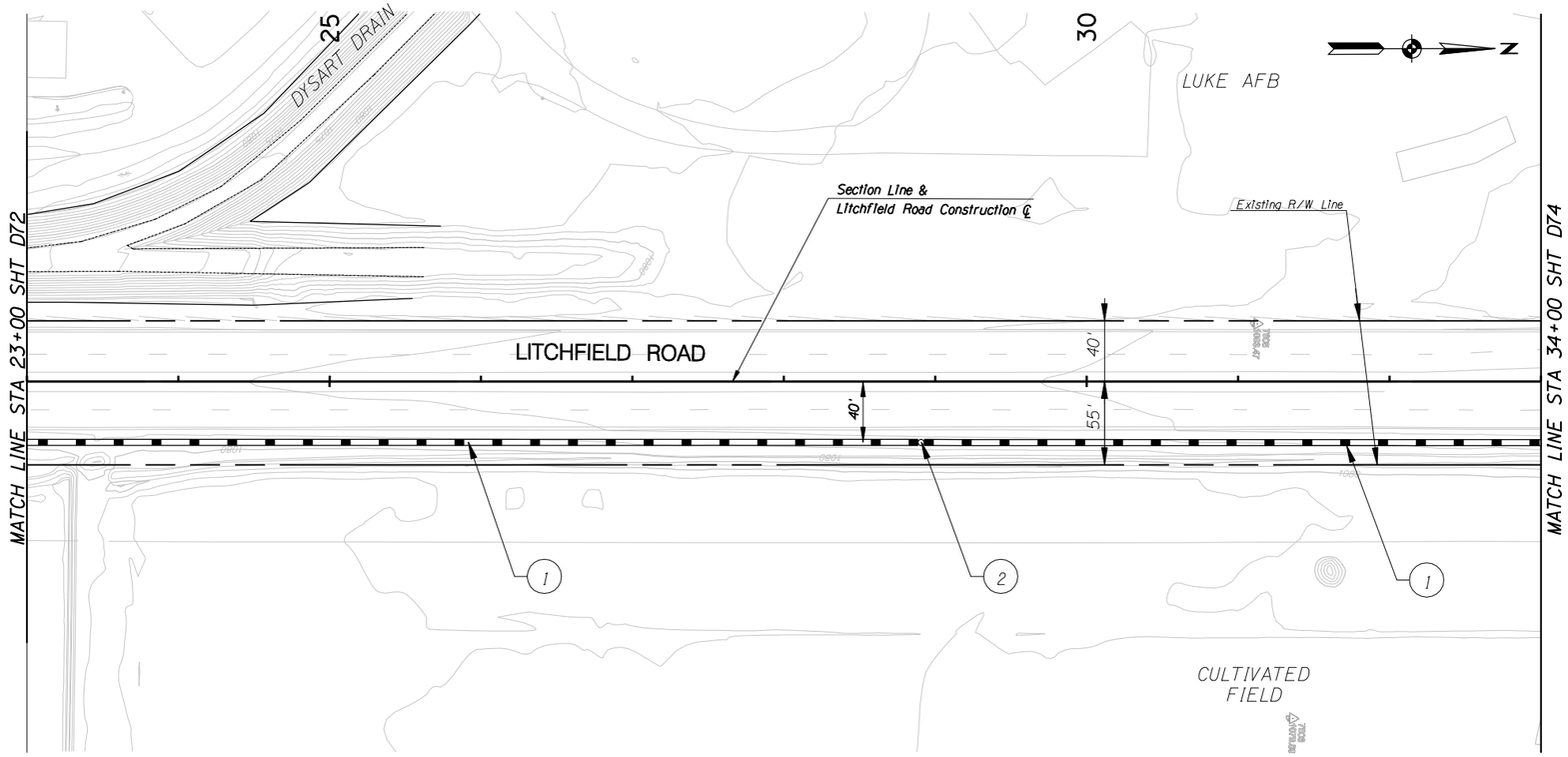
LITCHFIELD ROAD DRAINAGE PLAN
STA 12+00 TO 23+00

SHEET D72

TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan72.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. New 48" Storm Drain
2. New Storm Drain Manhole

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

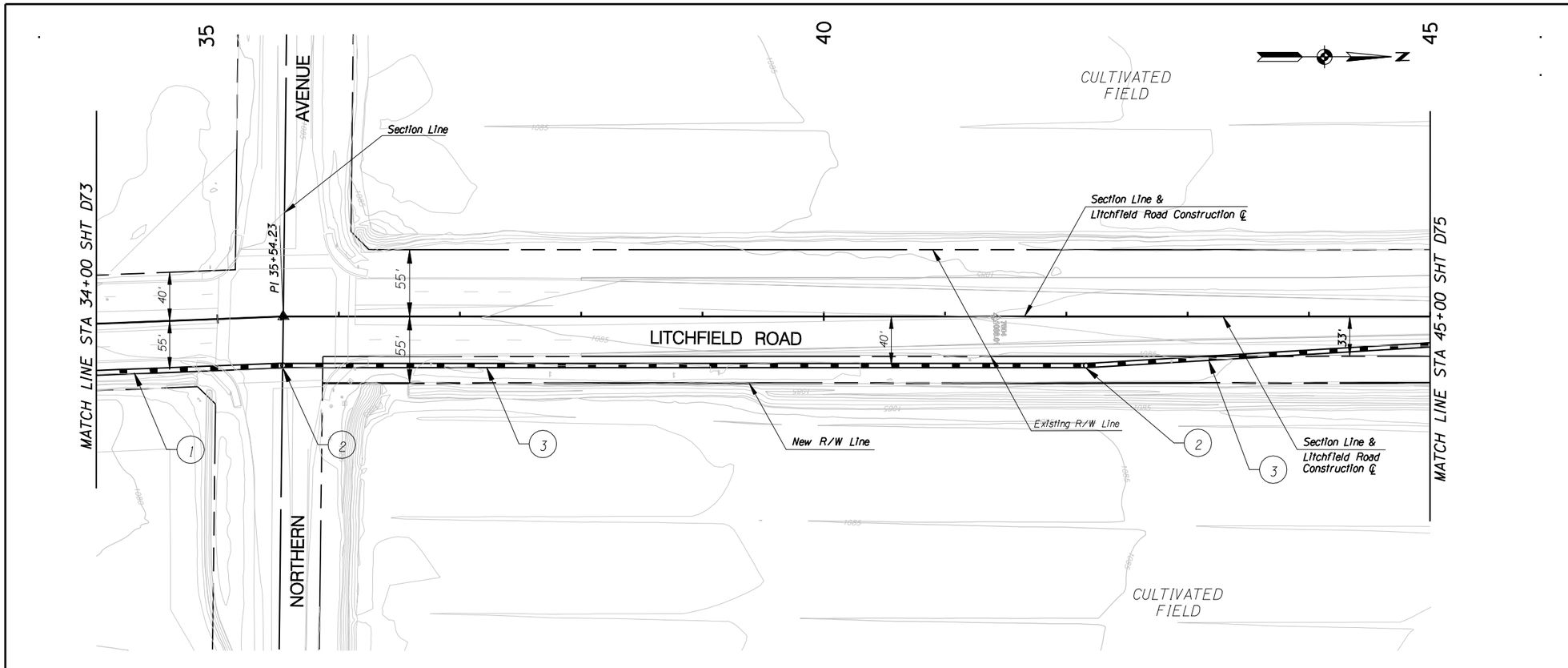
LITCHFIELD ROAD DRAINAGE PLAN
STA 23+00 TO 34+00

SHEET D73

TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan73.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. New 48" Storm Drain
2. New Storm Drain Manhole
3. New 42" Storm Drain

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

LITCHFIELD ROAD DRAINAGE PLAN
STA 34+00 TO 45+00

SHEET D74

TRACS NO. 0000 MA MMA SS593 OIC

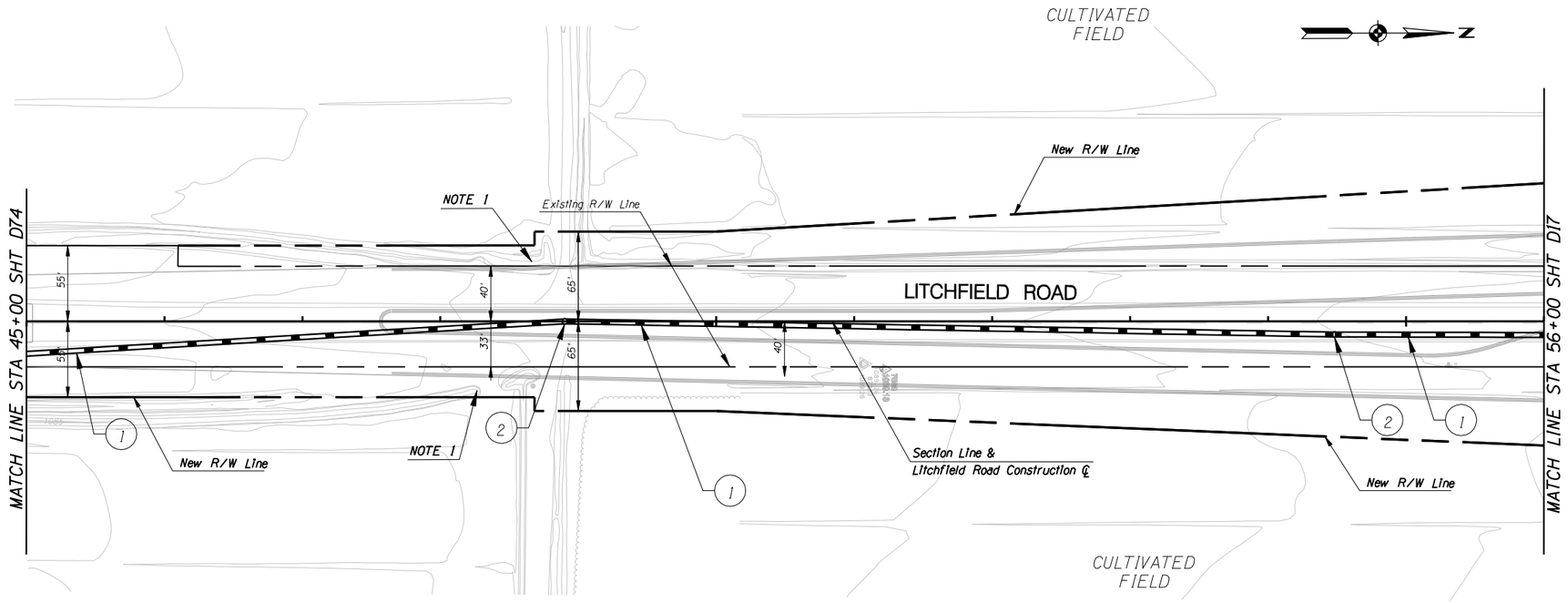
English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan74.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



○ **CONSTRUCTION** ○

(1) New 42" Storm Drain

(2) New Storm Drain Manhole

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

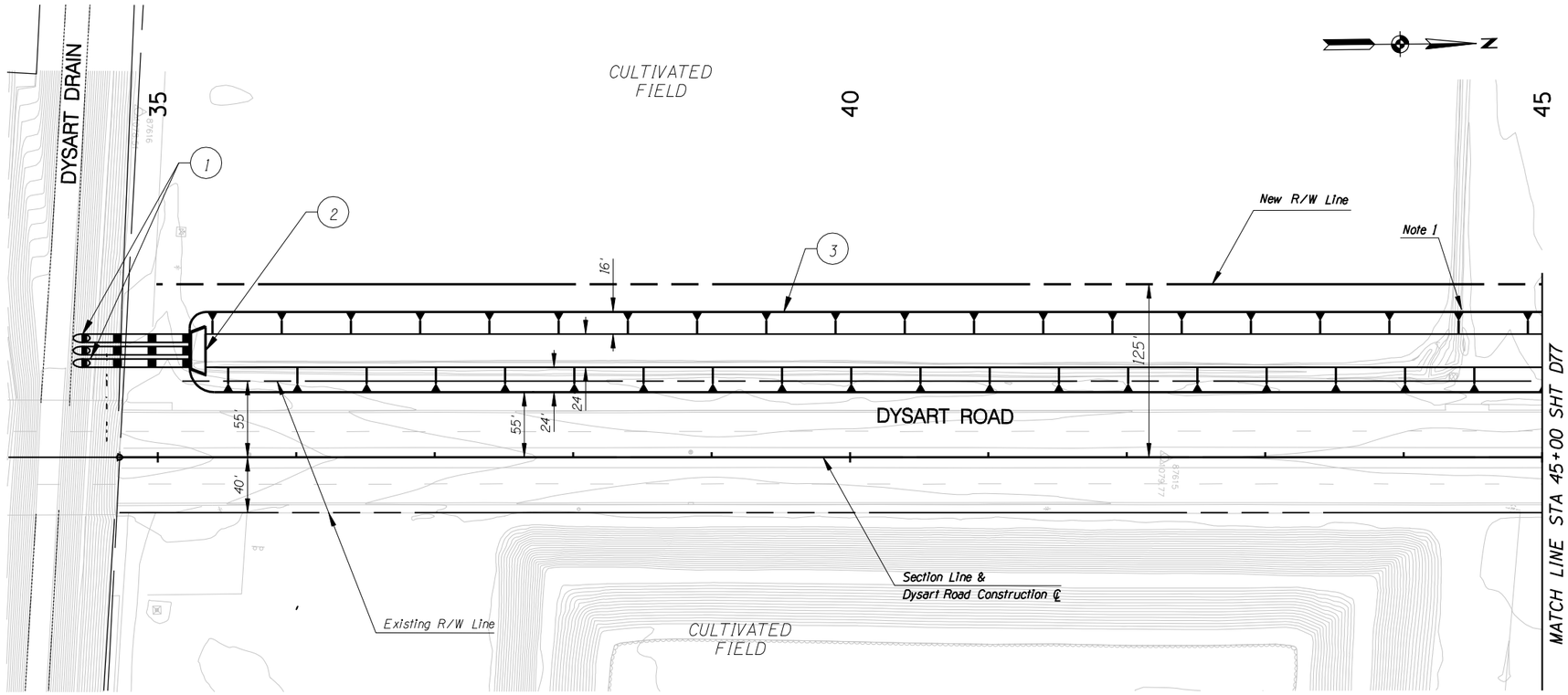
LITCHFIELD ROAD DRAINAGE PLAN
STA 45+00 TO 56+00

SHEET D75

TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan75.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

CONSTRUCTION

1. New 3-72" Storm Drain
   w/ Concrete Pipe Collar
   Discharge Through Channel Bank Lining
2. New Pipe Inlet Wingwall
   per ADOT Std Det B-11.12
   Skew 0°, 4:1 SS
3. Excavation for Trapezoidal Channel
   24' Bottom Width, 4' Depth
   6:1 Foreslope, 4:1 Backslope

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

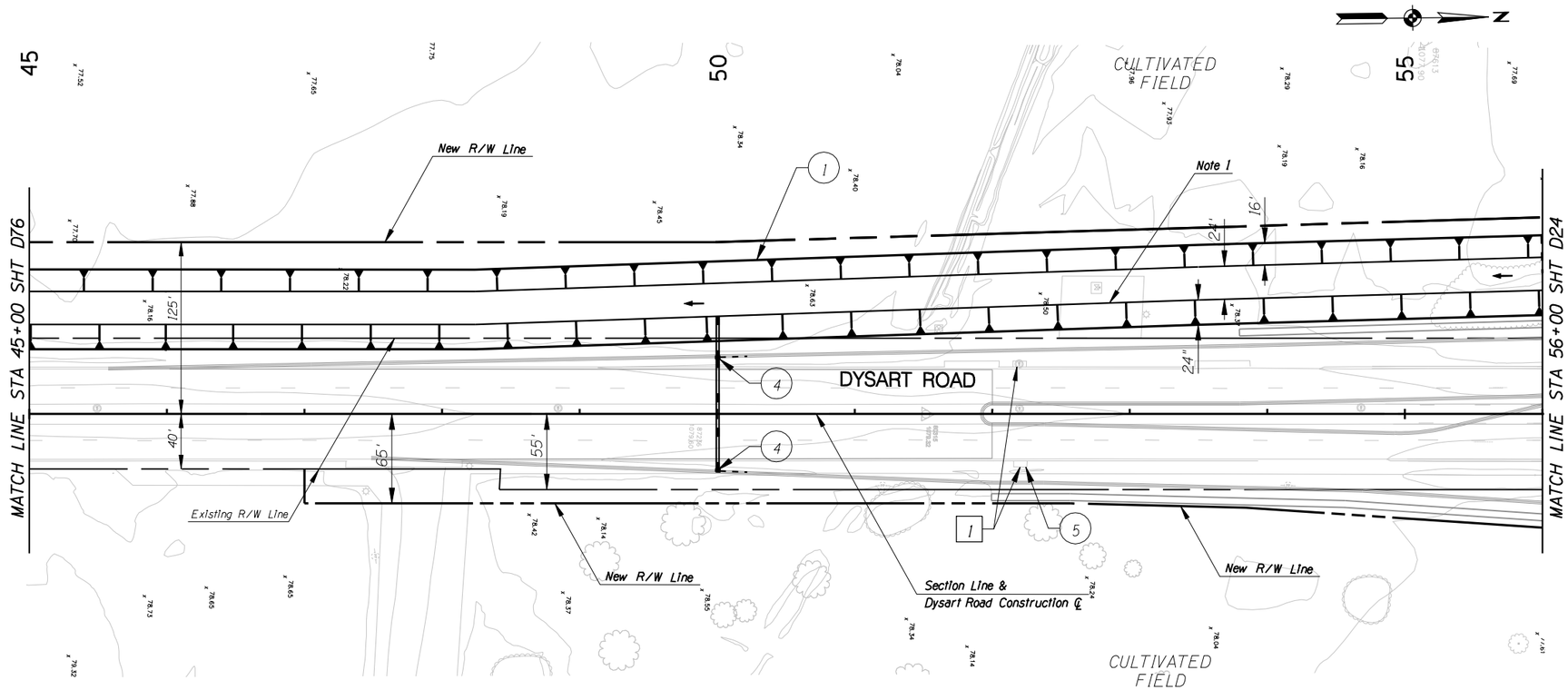
DYSART ROAD DRAINAGE PLAN
STA 34+00 TO 45+00

SHEET D76

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan76.dgn



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

REMOVAL /RELOCATE

1 Remove CB

CONSTRUCTION

1 Excavation for Trapezoidal Channel 24' Bottom Width, 4' Depth 6:1 Foreslope, 4:1 Backslope

4 New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain

5 Extend 15" Storm Drain w/ New Catch Basin, MAG Std Det 533-2 and 20' Slotted Drain

NOTES:

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

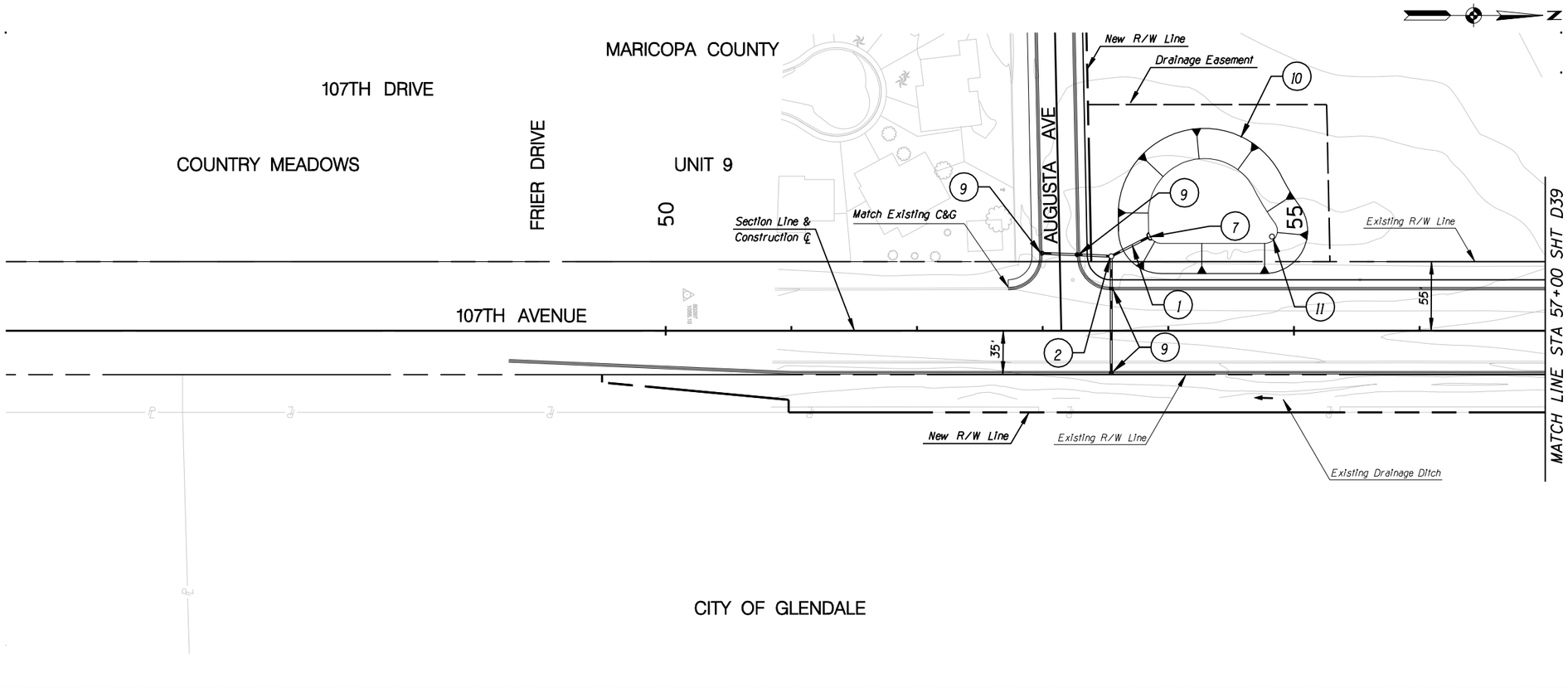
DYSART ROAD DRAINAGE PLAN
STA 45+00 TO 56+00

SHEET D77

TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan77.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

CONSTRUCTION

1. New 24" Storm Drain
2. New Storm Drain Manhole
7. New Pipe Headwall MAG Std Det 501-4
9. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2
10. Excavation for Retention Basin 4' Depth, 6:1 SS
11. New Drywell, Single Chamber

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

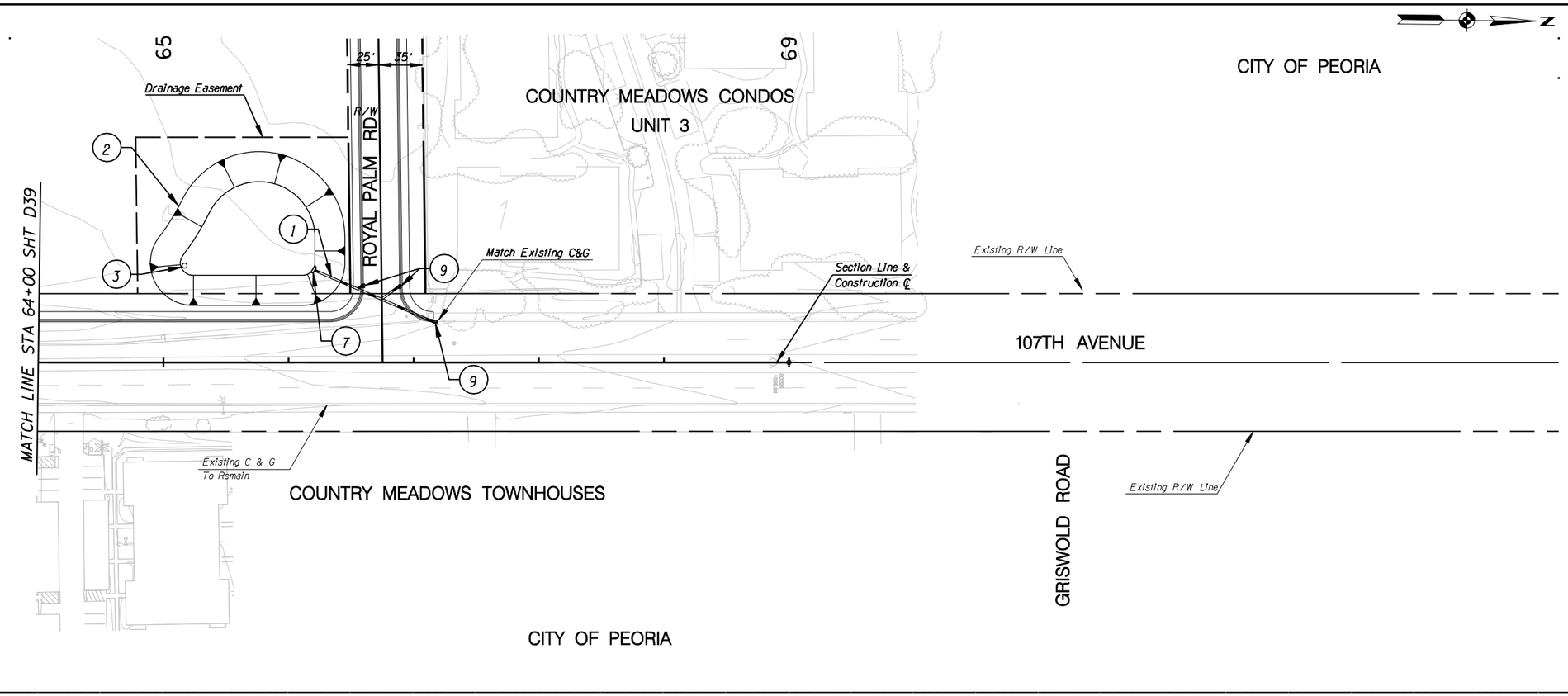
107TH AVE DRAINAGE PLAN
STA 50+00 TO STA 57+00

SHEET D78

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan78.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. New 24" Storm Drain
2. Excavation for Retention Basin 4' Depth, 6:1 SS
3. New Drywell, Single Chamber
7. New Pipe Headwall MAG Std Det 501-4
9. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

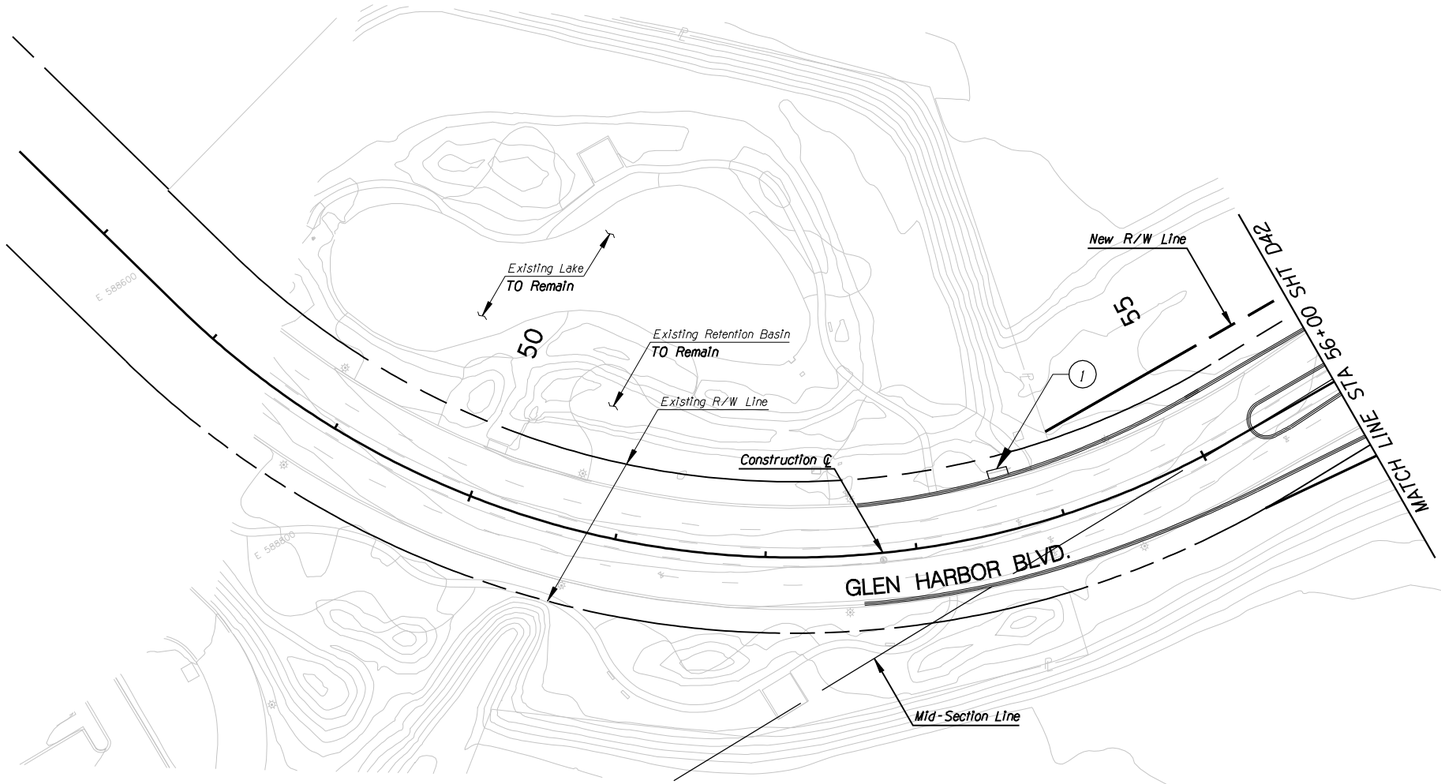
107TH AVE DRAINAGE PLAN
STA 64+00 TO STA 69+00

SHEET D79

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan79.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1 New Scupper

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

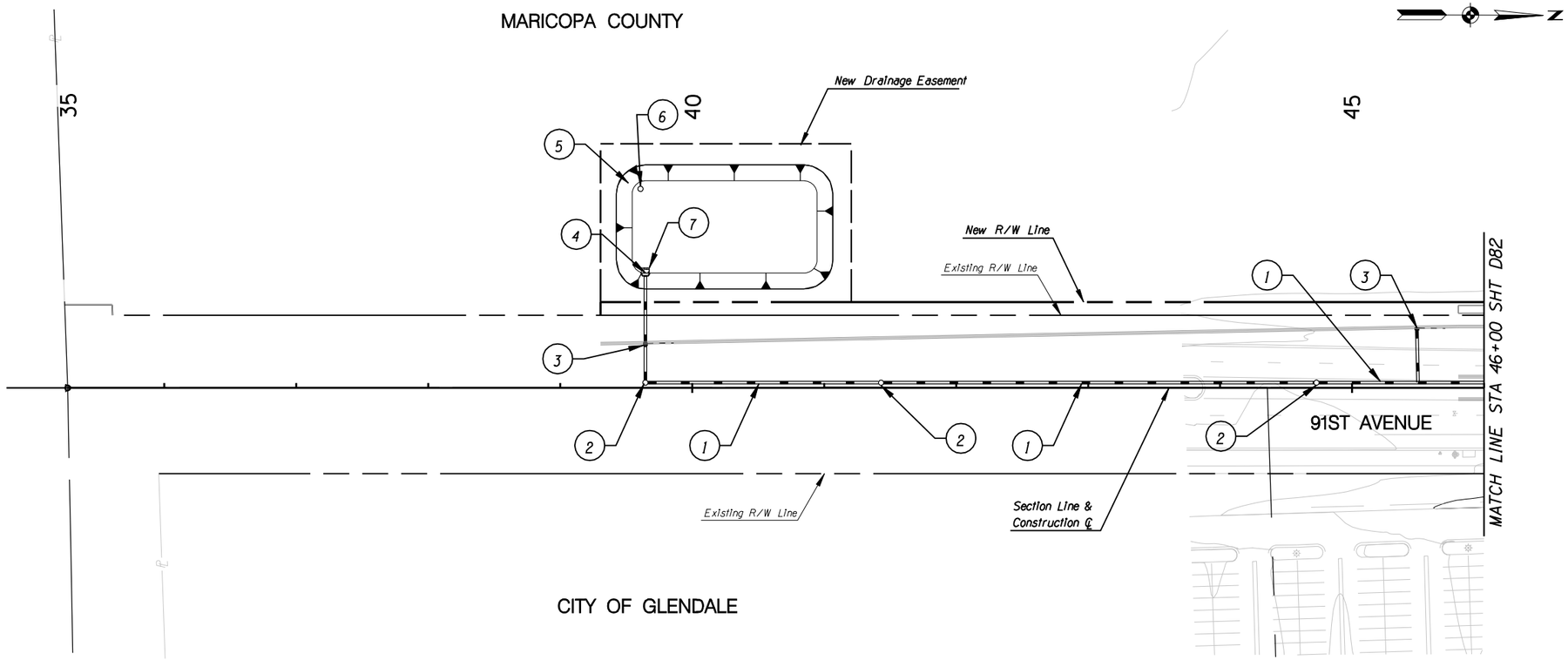
GLENN HARBOR BLVD DRAINAGE PLAN
STA 47+00 TO STA 56+00

SHEET D80

TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan80.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. New 24" Storm Drain
2. New Storm Drain Manhole
3. New 24" Storm Drain w/ Catch Basin, MAG Std Det 533-2 and Slotted Drain
4. New Pipe Headwall MAG Std Det 501-4
5. Excavation for Retention Basin, 3' Depth, 4:1 SS
6. New Drywell, Single Chamber
7. New Riprap Apron

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

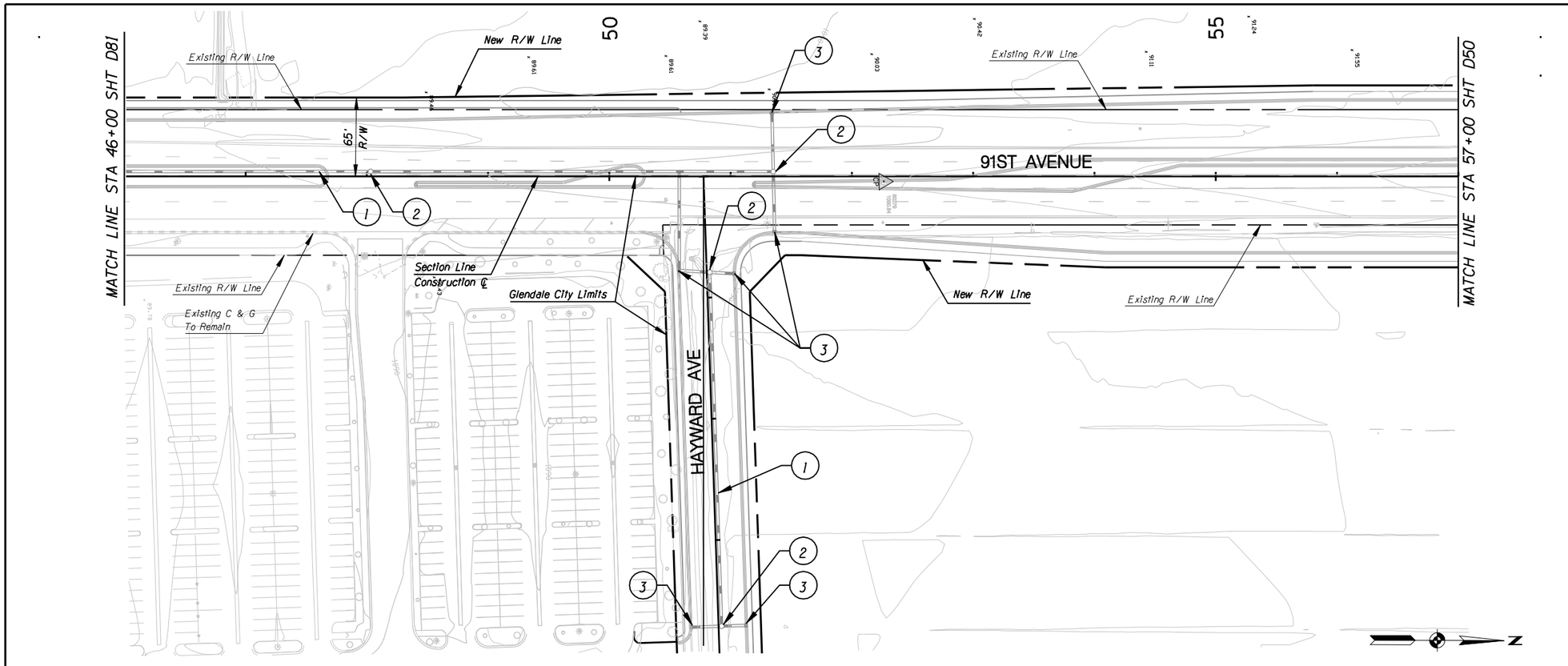
91ST AVE DRAINAGE PLAN
STA 35+00 TO STA 46+00

SHEET D81

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108cham81.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

91ST AVE DRAINAGE PLAN
STA 46+00 TO STA 57+00

SHEET
D82

TRACS NO. 0000 MA MMA SS593 OIC

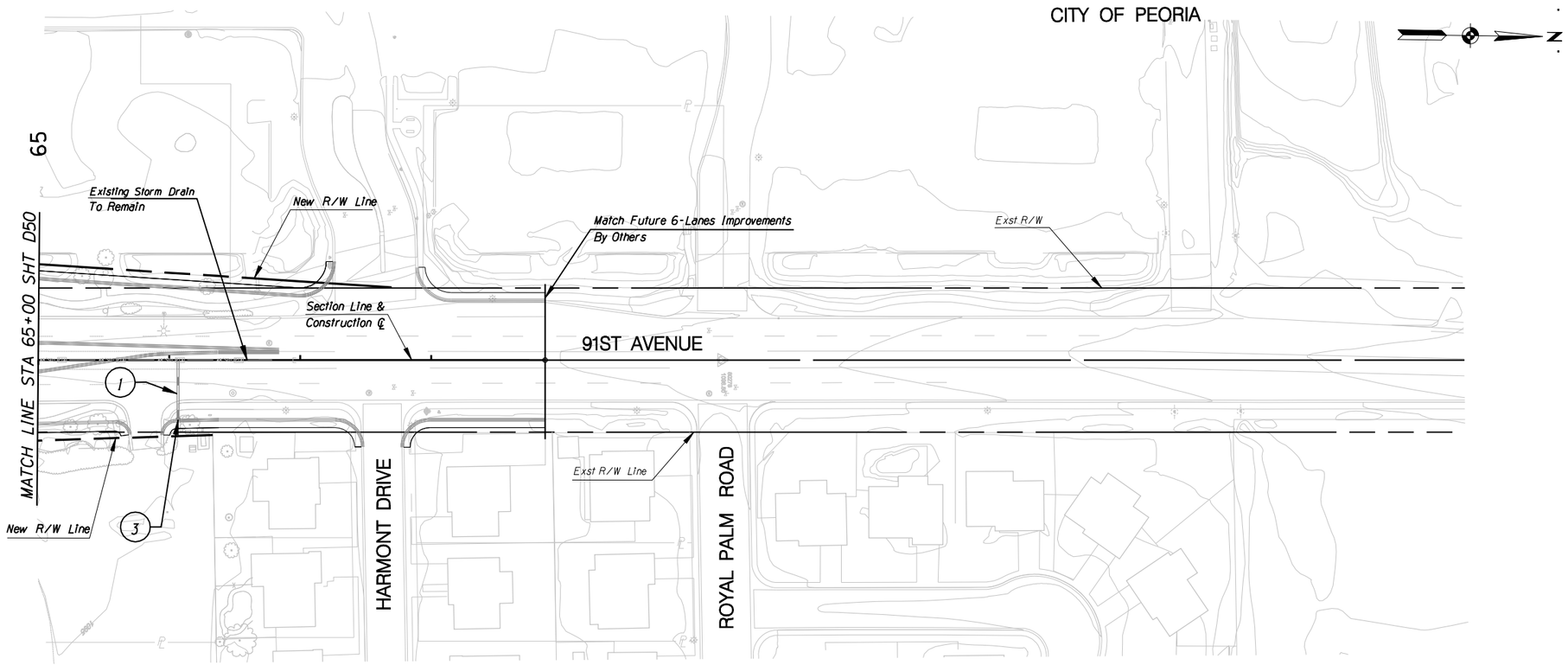
English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan82.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



○ **CONSTRUCTION** ○

(1) New 24" Storm Drain

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

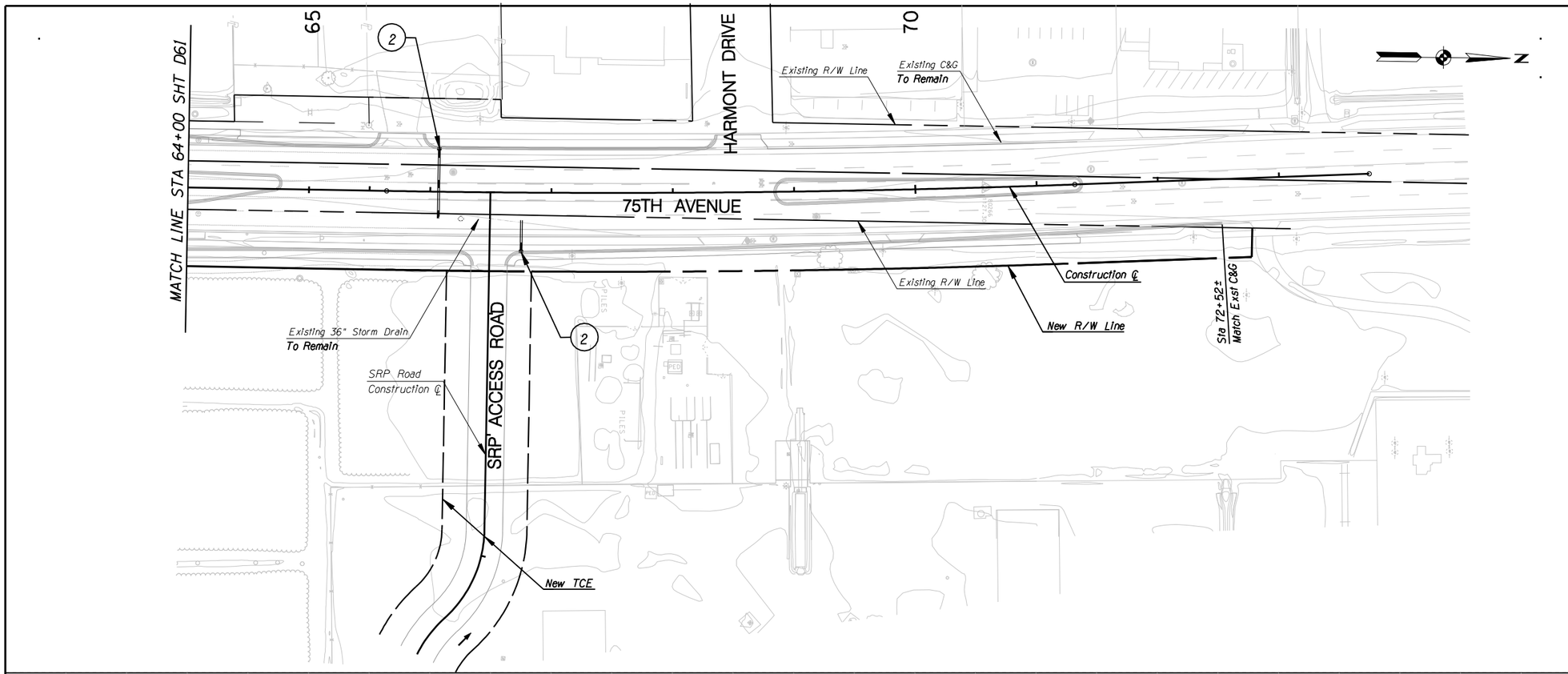
91ST AVE DRAINAGE PLAN
STA 65+00 TO STA 69+00

SHEET D83

TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan83.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

(2) New 18" Storm Drain w/ Catch Basin, MAG Std Det 533-2

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

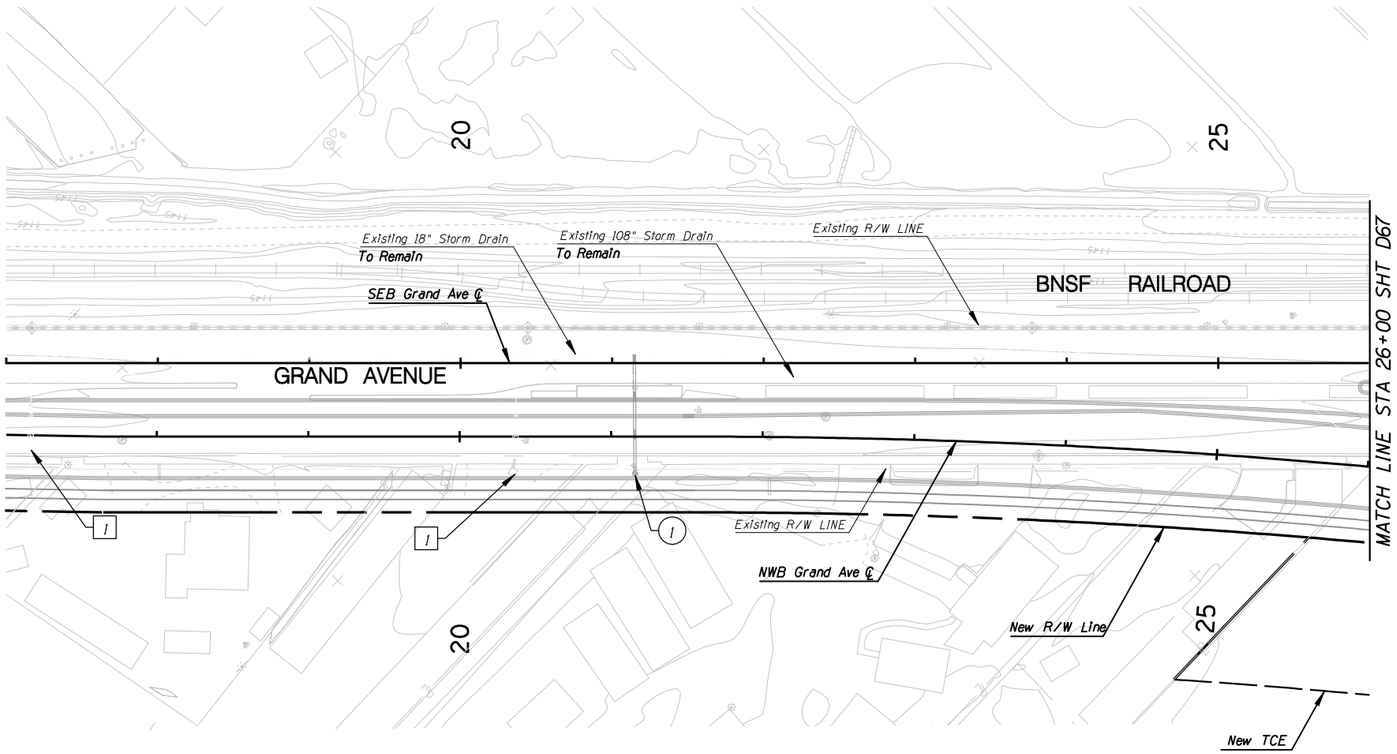
75TH AVE DRAINAGE PLAN
STA 64+00 TO STA 73+00

SHEET D84

TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan84.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1 Remove CB

◯ **CONSTRUCTION** ◯

(1) New 18" Storm Drain w/ Catch Basin, MAG Std Det 533-2

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

SEB GRAND AVE DRAINAGE PLAN
STA 17+00 TO STA 26+00

SHEET D85

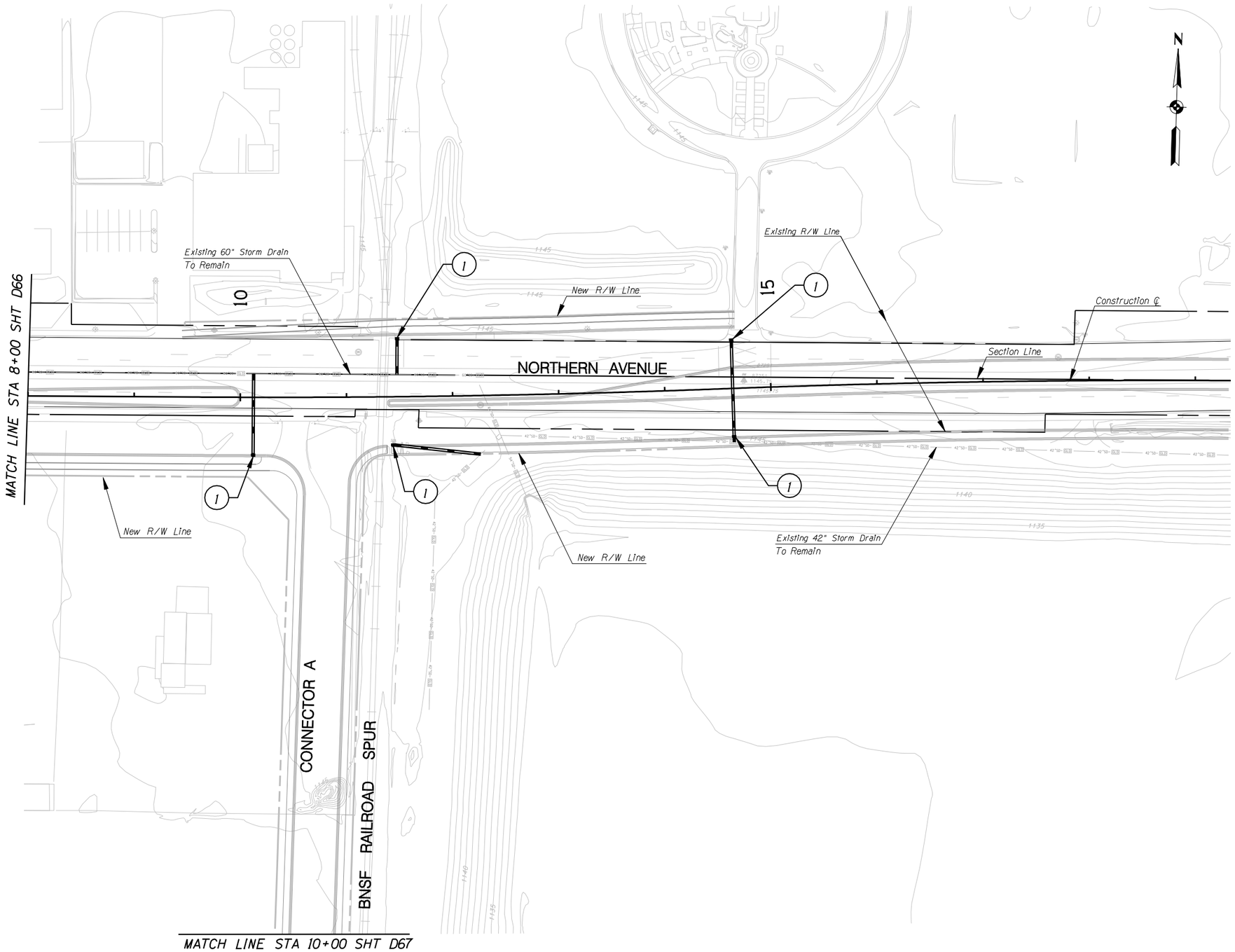
TRACS NO. 0000 MA MMA SS593 OIC

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan85.dgn

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

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

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

NO.	REVISION	BY	DATE
3			
2			
1			

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

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

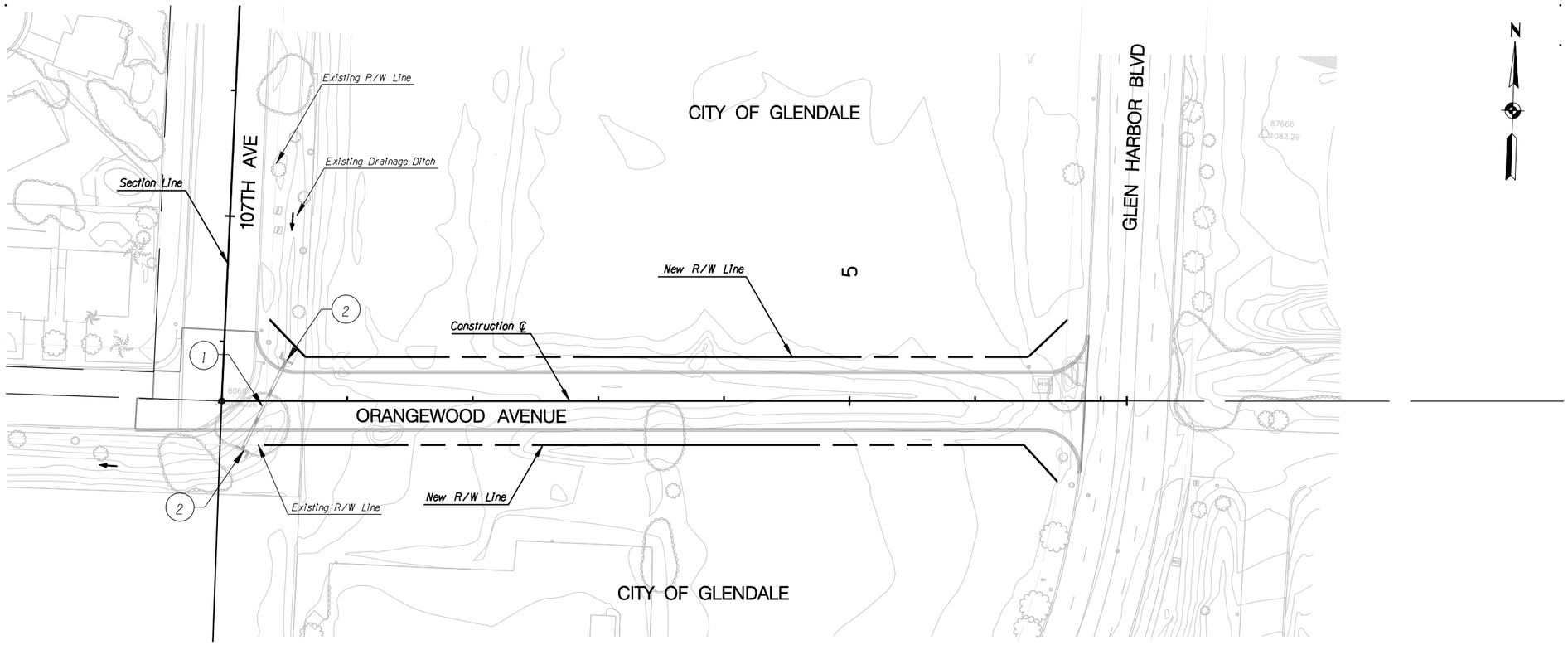
NORTHERN AVENUE DRAINAGE PLAN
STA 8+00 TO STA 20+00

SHEET D86

TRACS NO. 0000 MA MMA SS593 01C

English

6/4/2009
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\TT108chan86.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

(1) New 24" Storm Drain

(1) New Pipe Headwall per MAG Std Det 501-1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

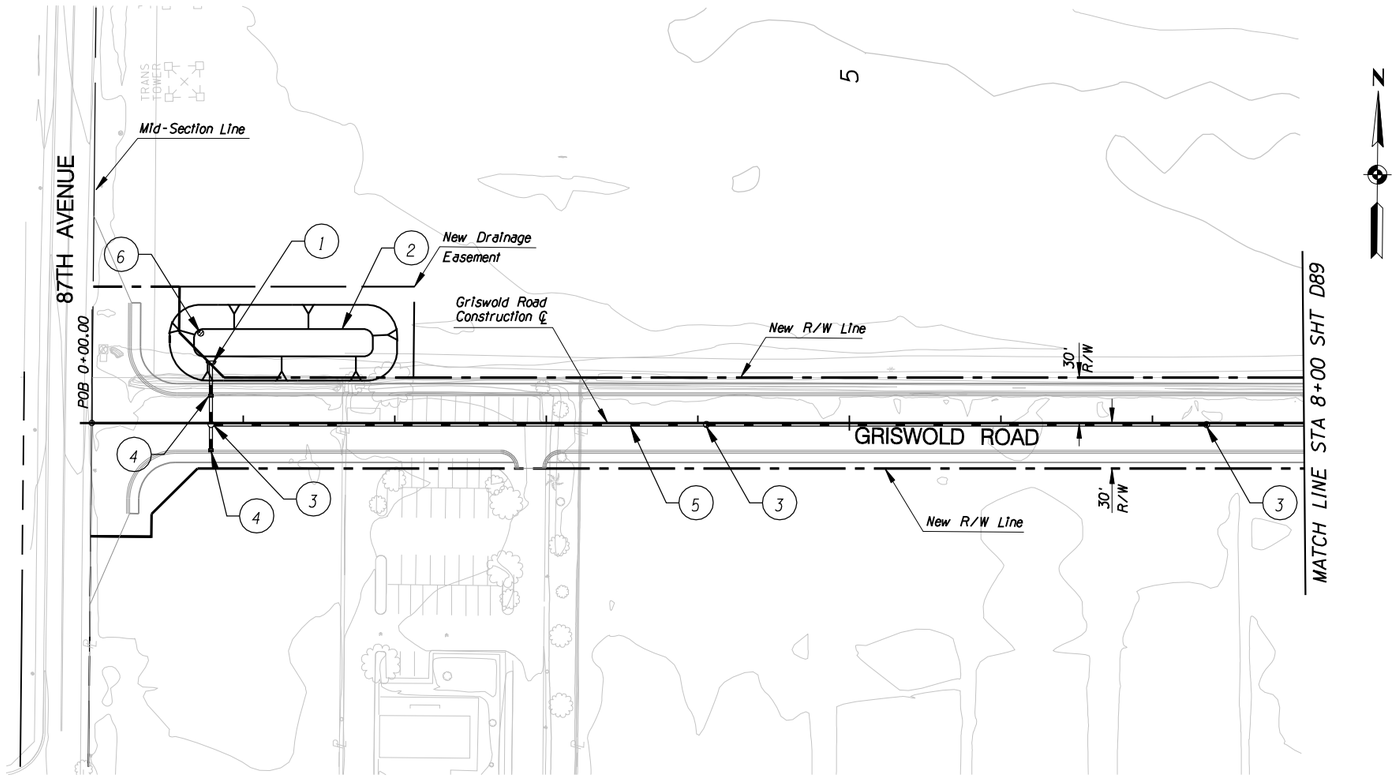
ORANGEWOOD AVE DRAINAGE PLAN
STA 0+00 TO 7+00

SHEET
D87

TRACS NO. 0000 MA MMA SS593 01C

English

1/28/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*Drainage*TT108chan87.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. New Pipe Headwall MAG Std Det 501-4
2. Excavation for Retention Basin 3' Depth, 4:1 SS
3. New Storm Drain Manhole
4. New 24" Storm Drain w/Catch Basin, MAG Std Det 533-2
5. New 24" Storm Drain
6. New Drywell, Single Chamber

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

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D STOUGH	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

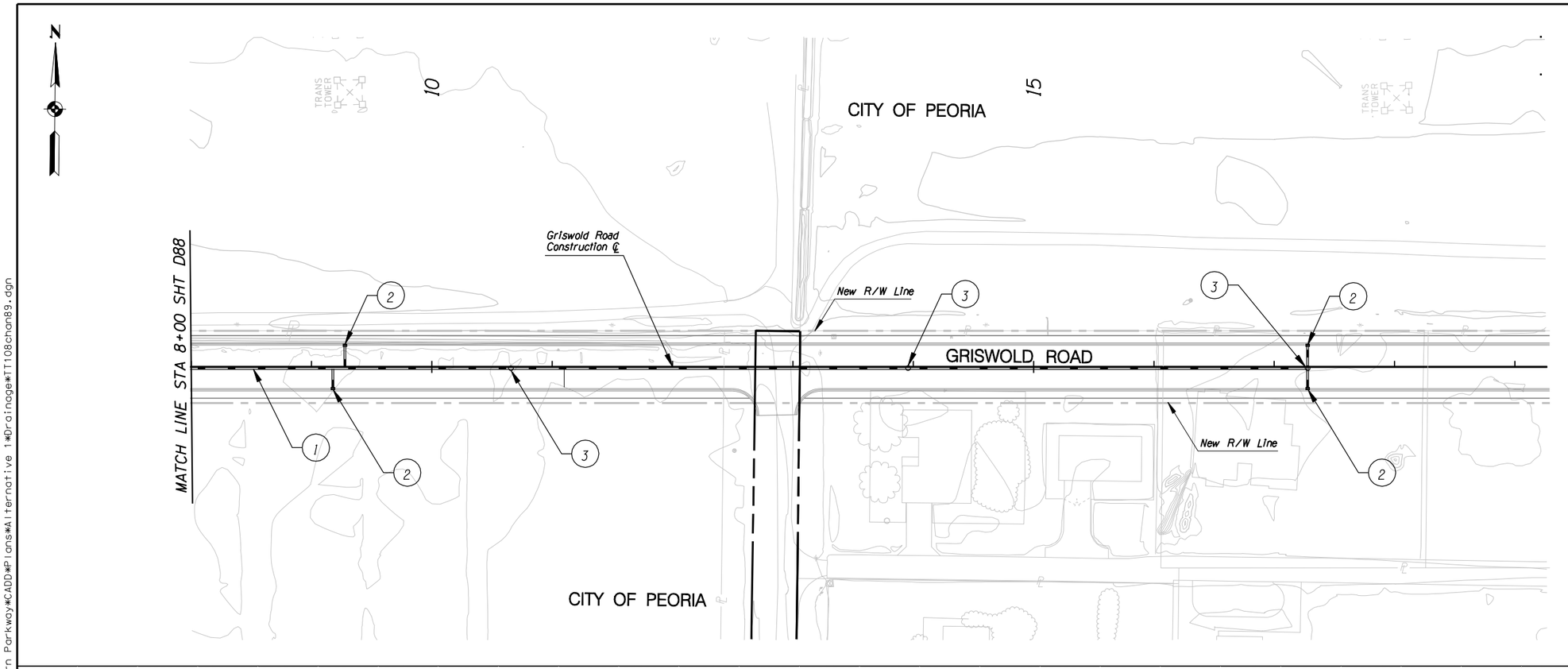
GRISWOLD RD DRAINAGE PLAN
STA 0+00 TO STA 8+00

SHEET D88

TRACS NO. 0000 MA MMA SS593 OIC

English

5/28/2009 $TIME$
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\T108chan88.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

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

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

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	D STOUGH	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

GRISWOLD RD DRAINAGE PLAN
STA 8+00 TO STA 19+00

SHEET D89

TRACS NO. 0000 MA MMA SS593 OIC

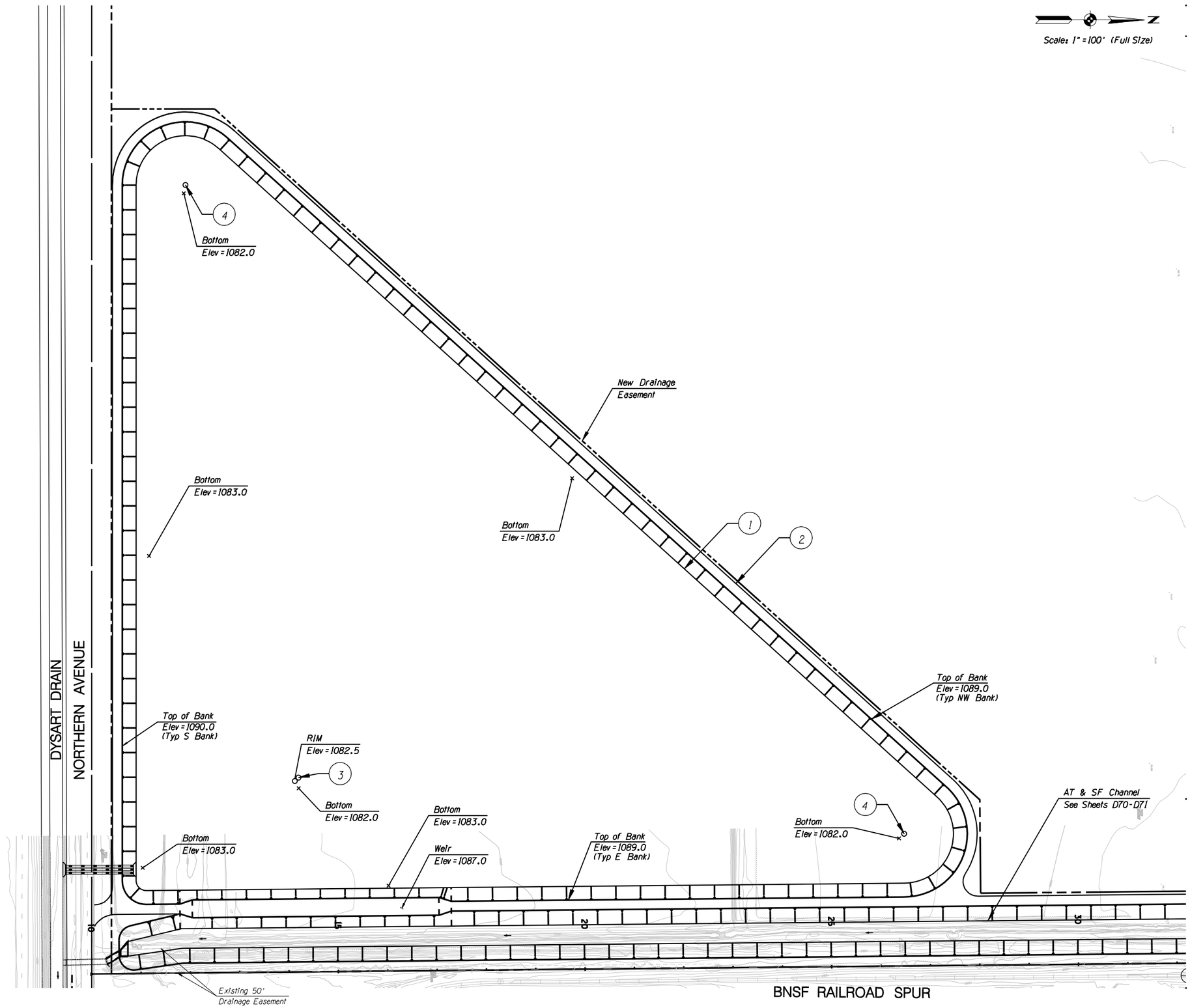
English

6/3/2009 $TIME$
P:\TRANSPORTATION\City_of_Glendale\2445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Drainage\T108chan89.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



CONSTRUCTION

1. Excavation for Detention Basin 8' Depth, 4:1 SS
2. New 20' O & M Road
3. New Drywell, Two Chamber
4. New Drywell, One Chamber

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

143RD AVENUE CHANNEL
OFFLINE DETENTION BASIN

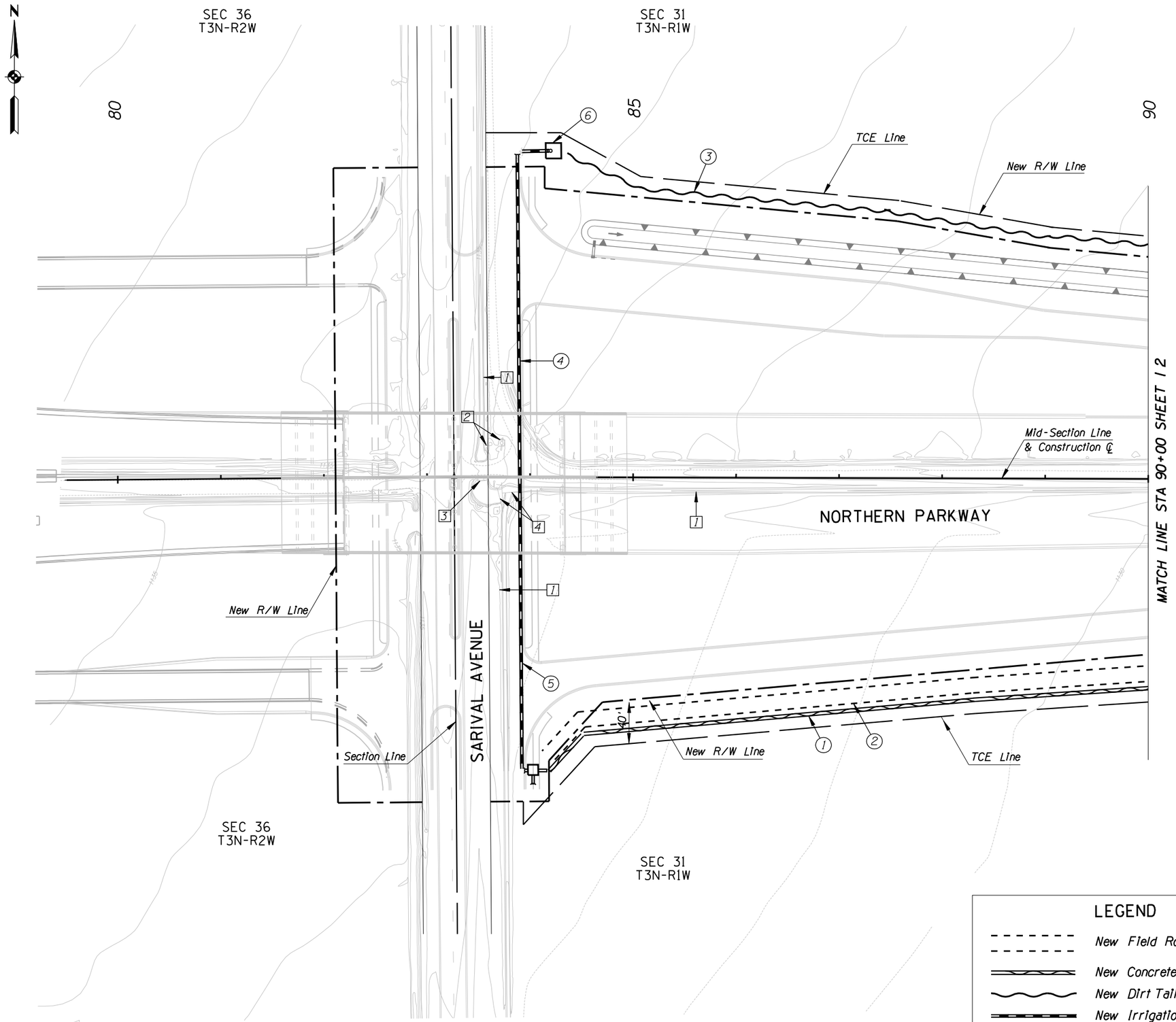
SHEET D90

TRACS NO. 0000 MA MMA SS593 OIC

1/28/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\Drainage\TT108chan90.dgn

English

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX



REMOVAL /RELOCATE

1. Remove Existing Concrete Irrigation Ditch
2. Remove Existing Electrical Service and Pump
3. Remove Existing Concrete Headwall
4. Remove Existing Piping

CONSTRUCTION

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Ditch
4. New 24" Irrigation Pipe
5. New Irrigation Structure
6. New Private Well Site

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

NO.	REVISION	BY	DATE
3			
2	URS UPDATE	LW	1/08
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 82+67.83 to Sta 90+00

SHEET 11

TRACS NO. 0000 MA MMA SS593 01C

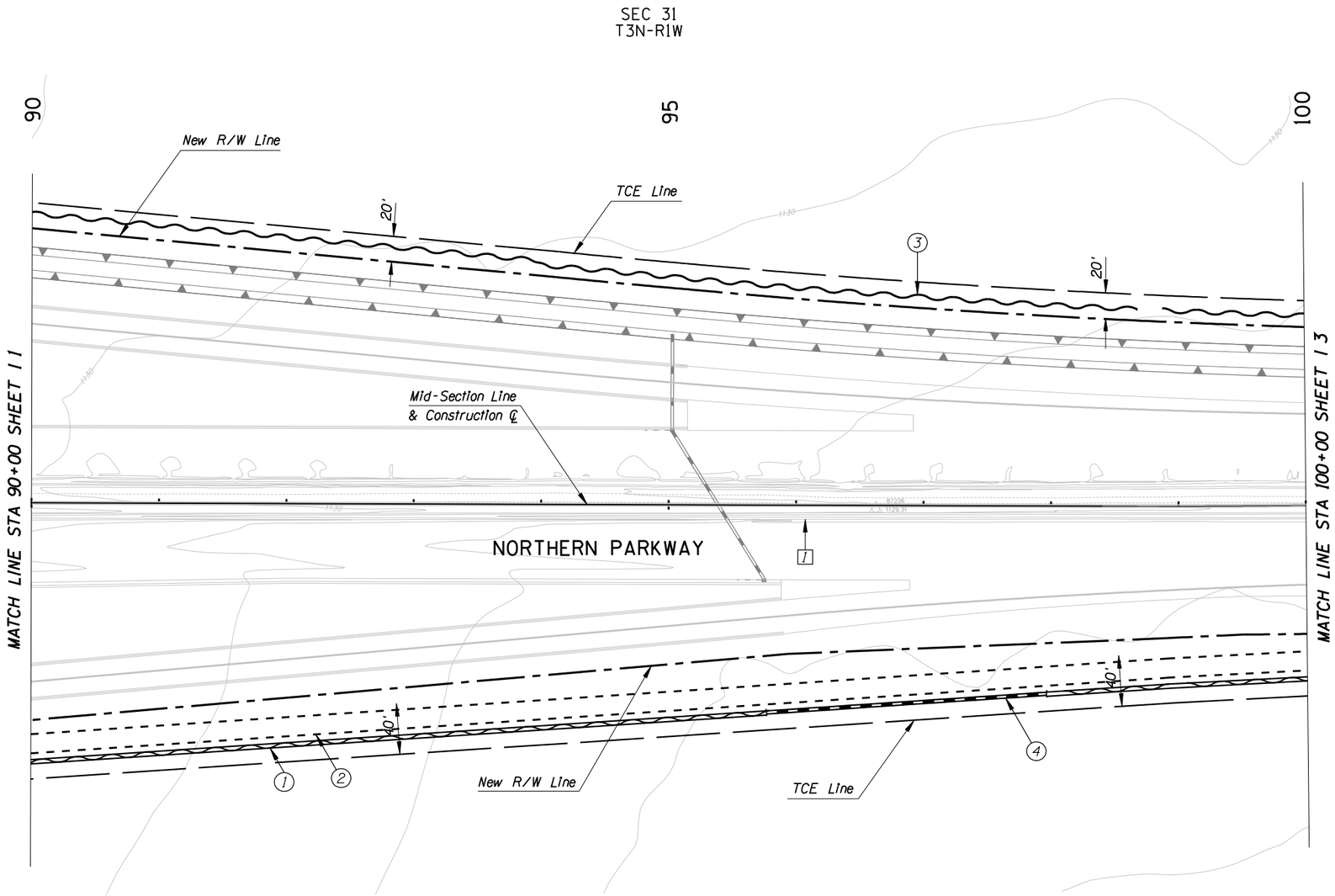
English

5/28/2009 $TIME$
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Irrigation\TT108irr02.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1 *Remove Existing Concrete Irrigation Ditch*



SEC 31
T3N-R1W

Access to Farm Field Roads Shall be Provided at Each Quadrant of Intersection.

LEGEND

- *New Field Road*
- *New Concrete Irrigation Ditch*
- *New Dirt Tailwater Ditch*
- *New Irrigation Pipe*

○ **CONSTRUCTION** ○

1. *New Private Concrete Irrigation Ditch*
2. *New 15' Wide Field Road*
3. *New Tailwater Ditch*
4. *New 24" Irrigation Pipe*

NO.	REVISION	BY	DATE
3			
2	URS UPDATE	LW	1/08
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 90+00 to Sta 100+00

SHEET 12

TRACS NO. 0000 MA MMA SS593 01C

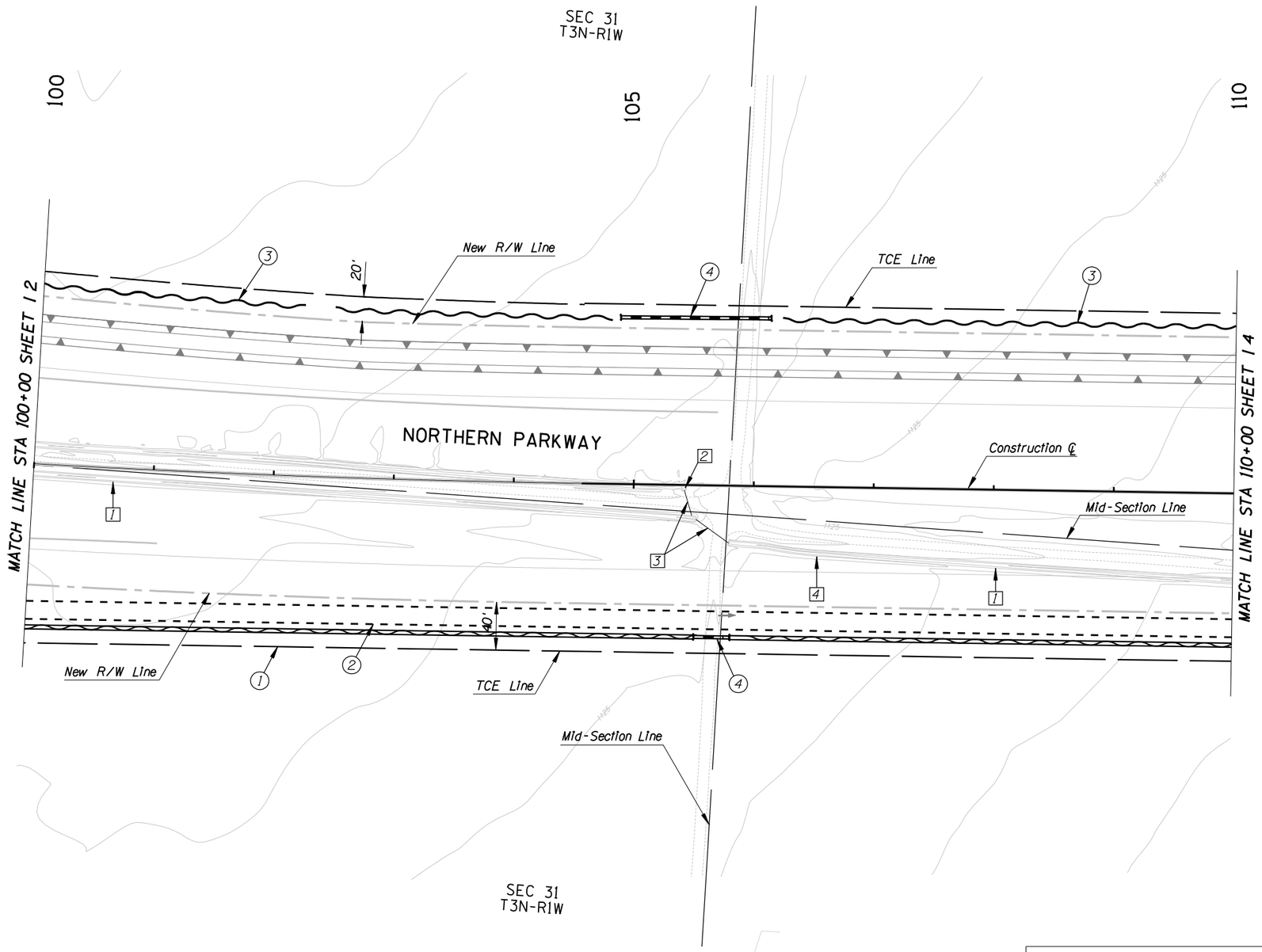
English

5/28/2009 $TIME$
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Irrigation\TT108irr03.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1. Remove Existing Concrete Irrigation Ditch
2. Remove Existing Concrete Headwall
3. Remove Existing Irrigation Pipe
4. Relocate Existing 12" Steel Pipe Outlet To New Concrete Ditch, Origin Unknown



LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

☐ **CONSTRUCTION** ☐

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Ditch
4. New 24" Irrigation Pipe

NO.	REVISION	BY	DATE
3			
2	URS UPDATE	LW	1/08
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 100+00 to Sta 110+00

SHEET 13

TRACS NO. 0000 MA MMA SS593 01C

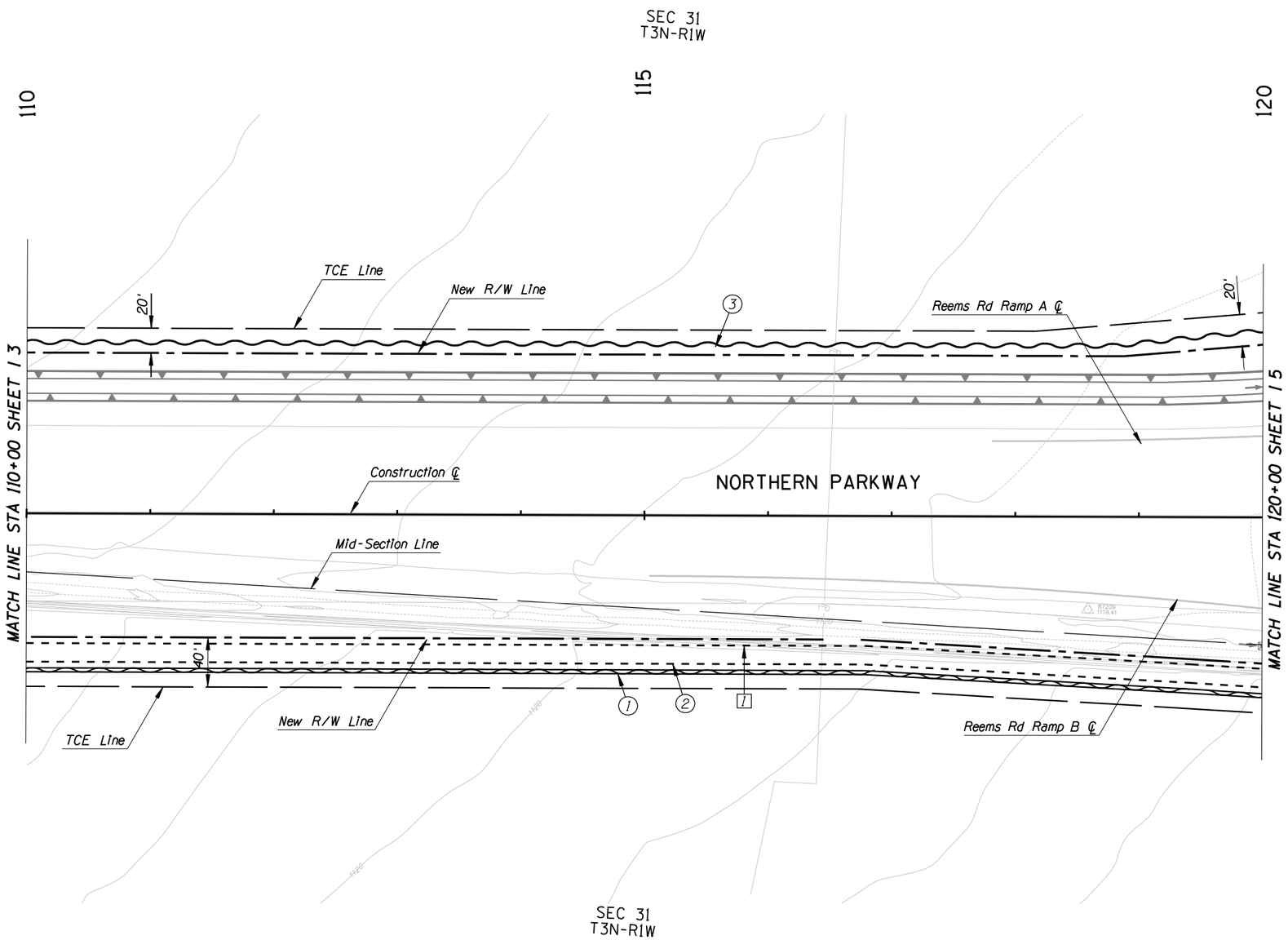
English

5/28/2009 $TIME$
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Irrigation\TT108irr04.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

[1] *Remove Existing Concrete Irrigation Ditch*



LEGEND

- *New Field Road*
- *New Concrete Irrigation Ditch*
- *New Dirt Tailwater Ditch*
- *New Irrigation Pipe*

CONSTRUCTION

1. *New Private Concrete Irrigation Ditch*
2. *New 15' Wide Field Road*
3. *New Tailwater Ditch*

NO.	REVISION	BY	DATE
3			
2	URS UPDATE	LW	1/08
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 110+00 to Sta 120+00

SHEET 14

TRACS NO. 0000 MA MMA SS593 01C

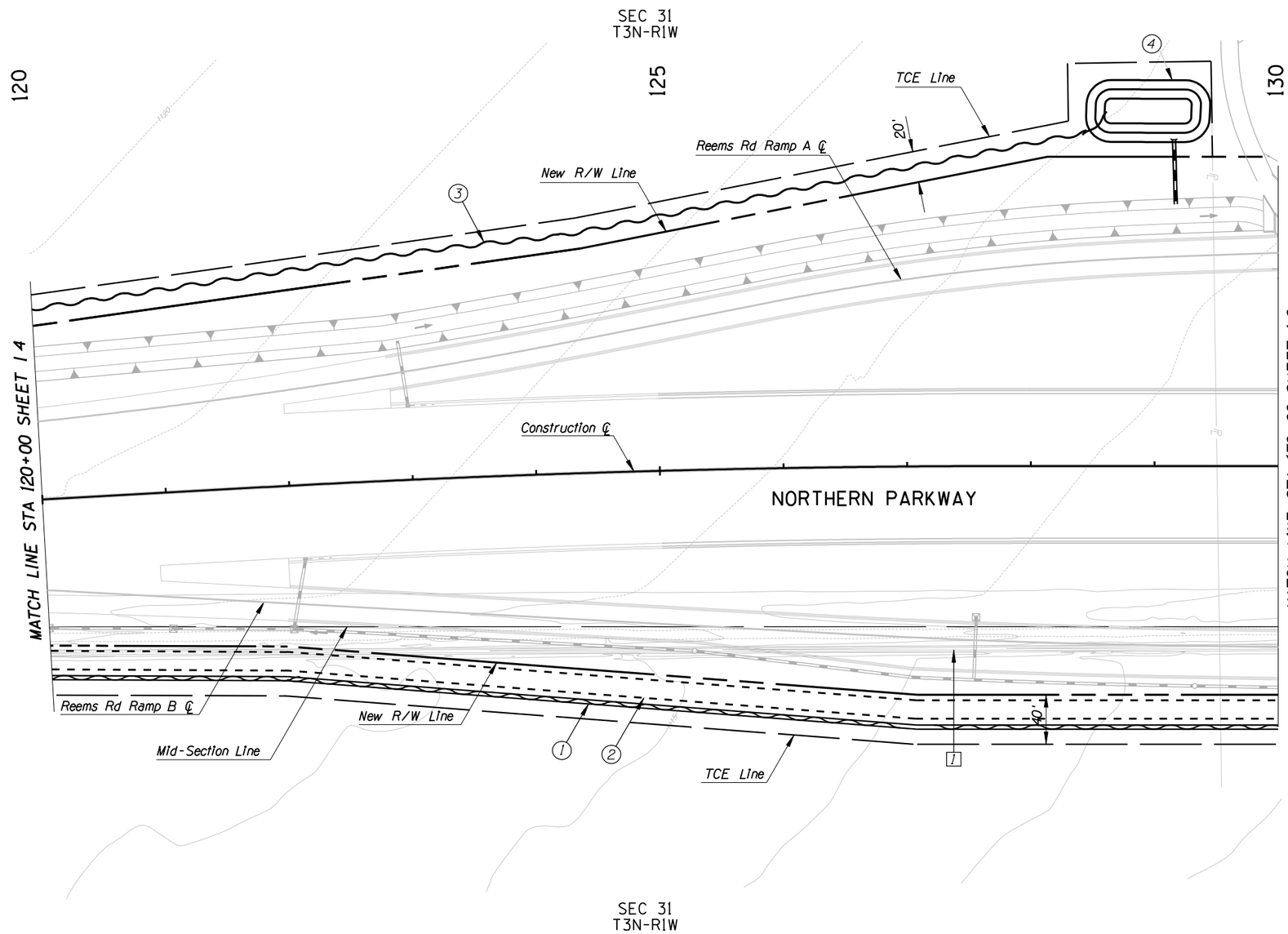
English

5/28/2009 $TIME$
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Irrigation\TT108irr05.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

[1] *Remove Existing Concrete Irrigation Ditch*



○ **CONSTRUCTION** ○

(1) *New Private Concrete Irrigation Ditch*

(2) *New 15' Wide Field Road*

(3) *New Tailwater Ditch*

(4) *New 50'x 100' Tailwater Sump*

LEGEND

- *New Field Road*
- *New Concrete Irrigation Ditch*
- *New Dirt Tailwater Ditch*
- *New Irrigation Pipe*

NO.	REVISION	BY	DATE
1	URS UPDATE	LW	1/08
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

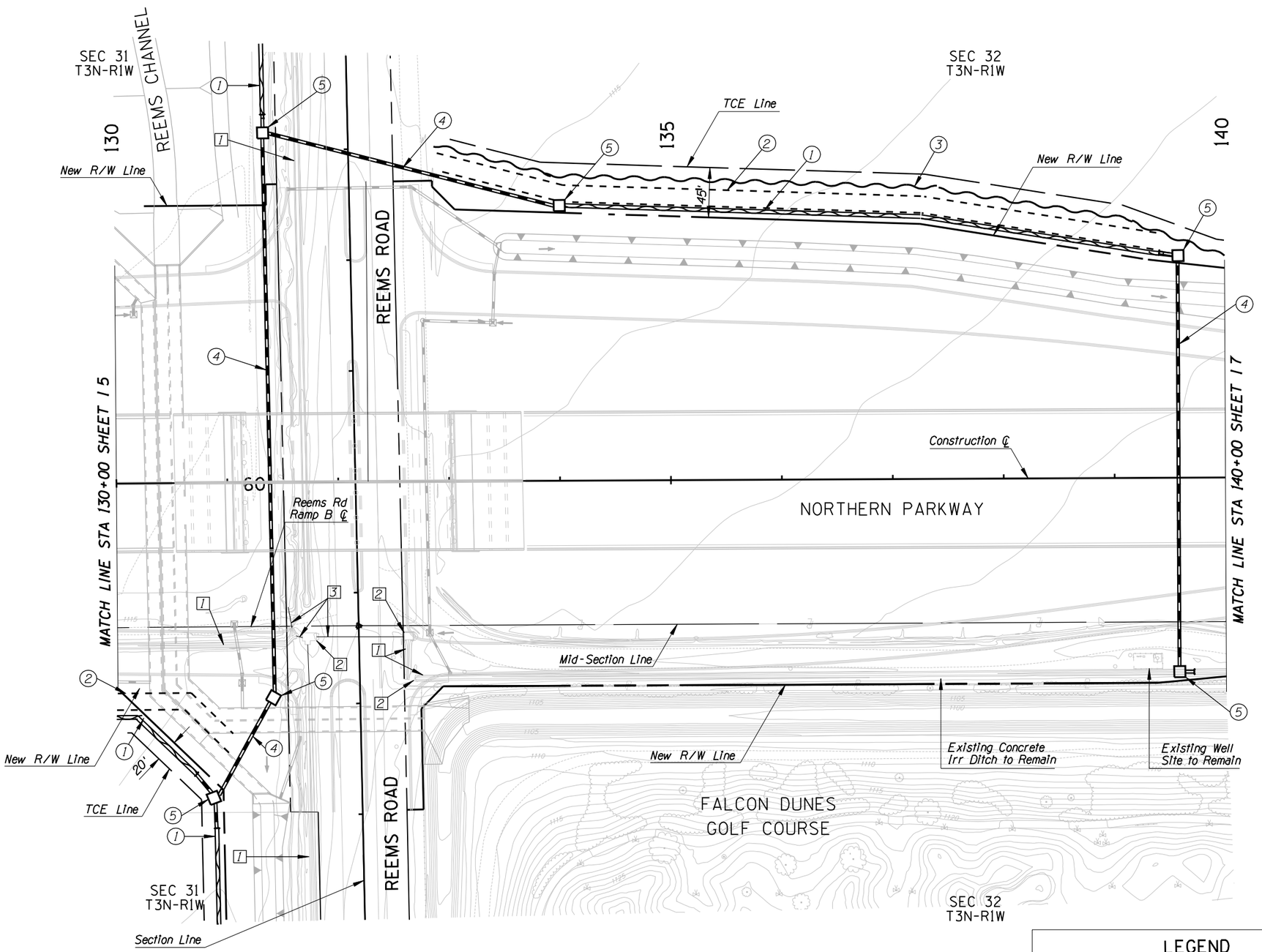
PLAN SHEET - IRRIGATION RELOCATION
Sta 120+00 to Sta 130+00

SHEET 15

TRACS NO.

3/4/2008 $TIME$
P:*City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr06.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX



Access to Farm Field Roads Shall be Provided at Each Quadrant of Intersection.

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

REMOVAL /RELOCATE

1. Remove Existing Concrete Irrigation Ditch
2. Remove Existing Irrigation Structure
3. Remove Existing Irrigation Pipe

CONSTRUCTION

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Ditch
4. New 24" Irrigation Pipe
5. New Irrigation Structure

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 130+00 to Sta 140+00

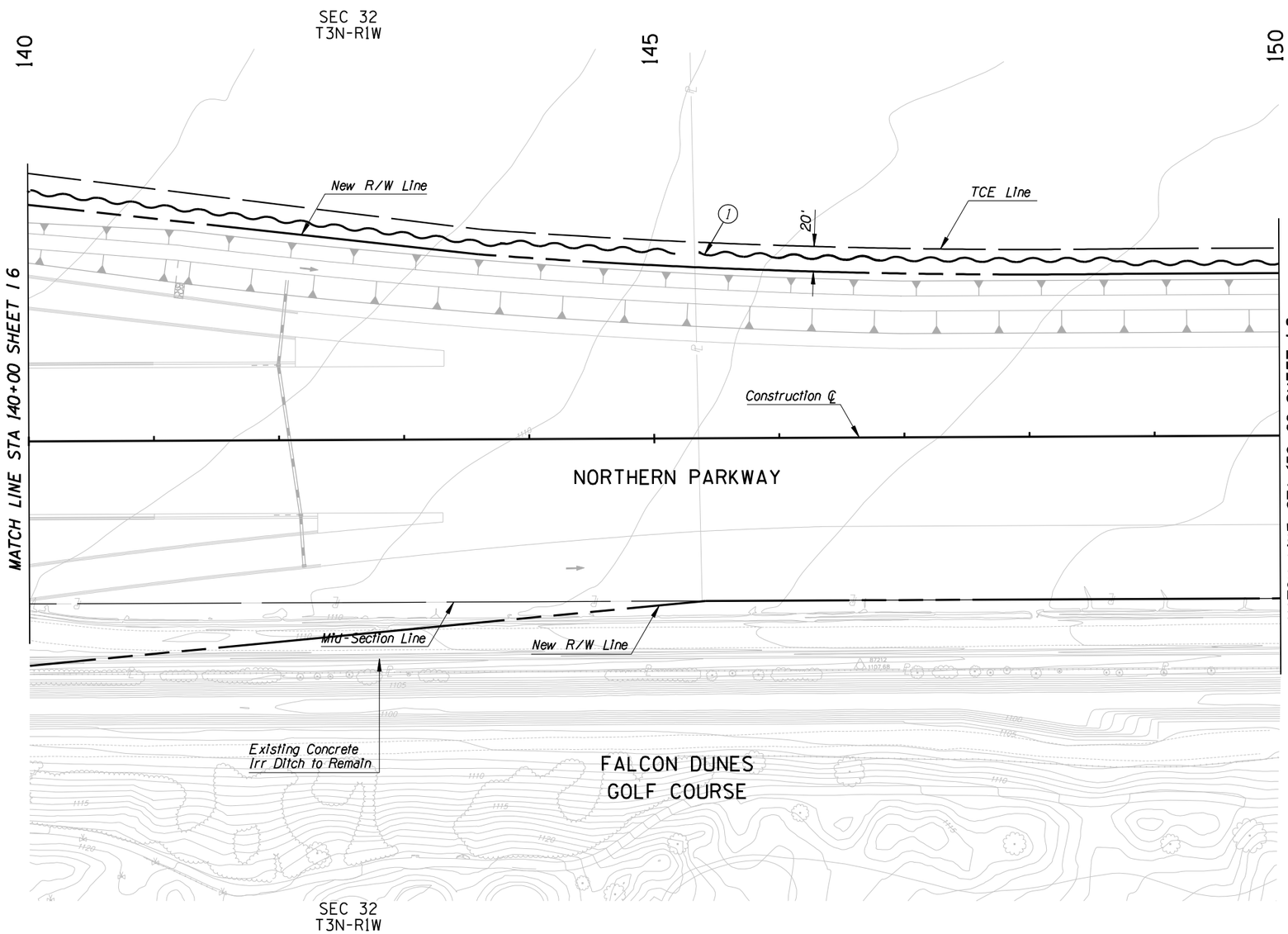
SHEET 16

TRACS NO.

3/4/2008 $TIME$
P:\city_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr07.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐



N

○ **CONSTRUCTION** ○

1 New Tailwater Ditch

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 140+00 to Sta 150+00

SHEET 17

TRACS NO.

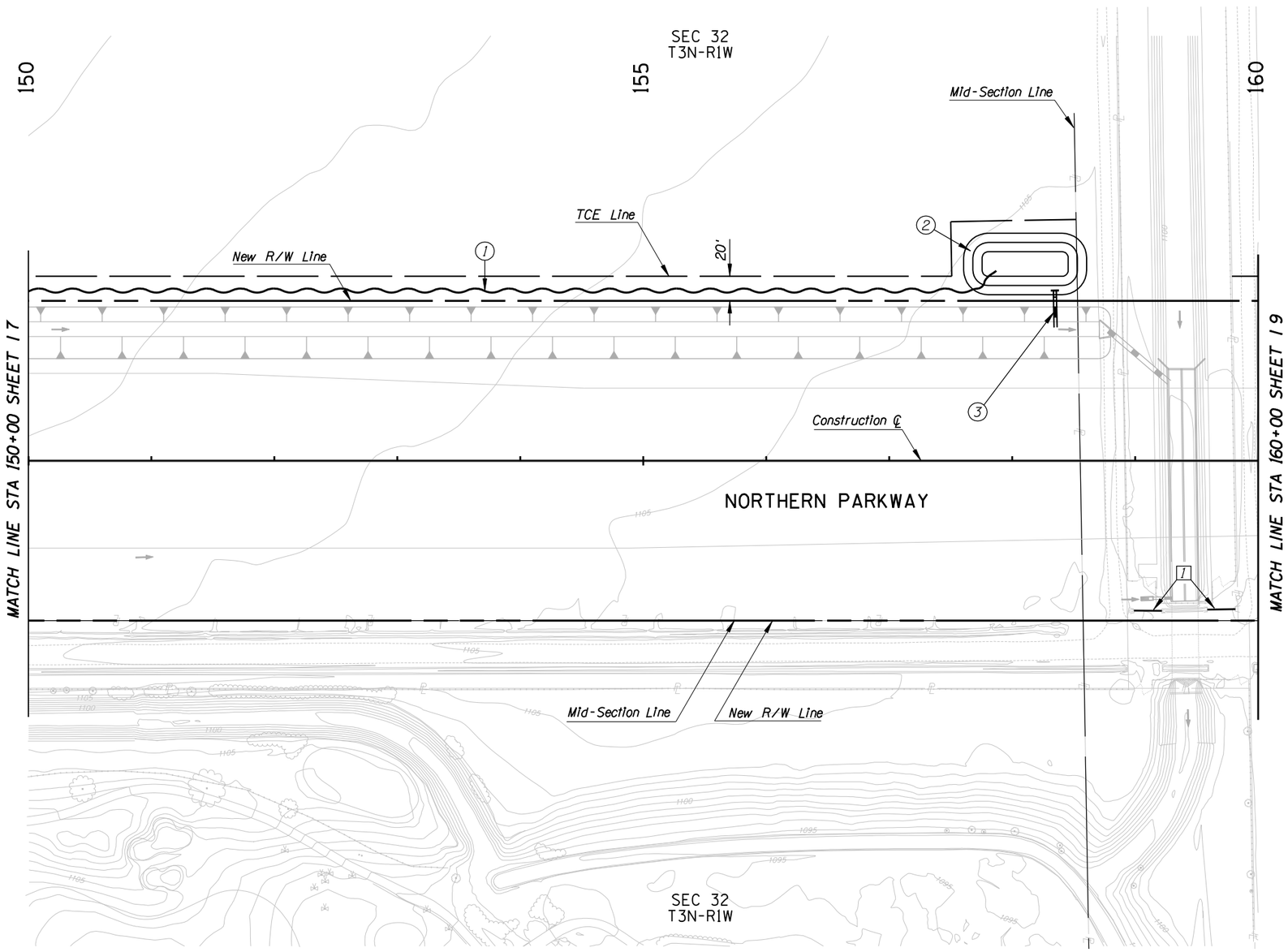
English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr08.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

REMOVAL /RELOCATE

1 Remove Existing Irrigation Pipe



CONSTRUCTION

1. New Tailwater Ditch
2. New 50' x 100' Tailwater Sump
3. New 24" Irrigation Pipe

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

NO.	REVISION	BY	DATE
1	URS UPDATE	LW	1/08
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 150+00 to Sta 160+00

SHEET 18

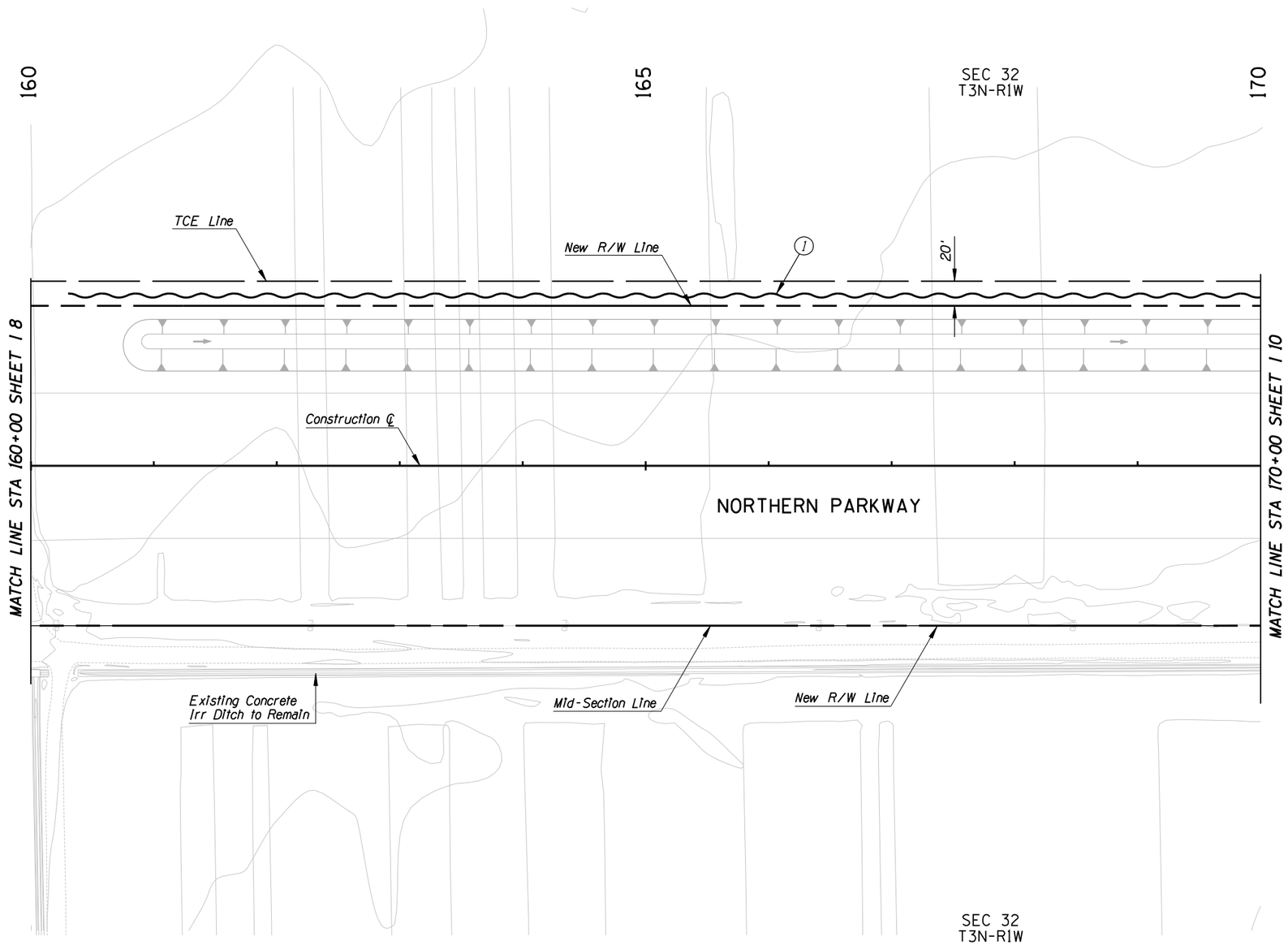
TRACS NO.

English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108ir-09.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

1 New Tailwater Ditch

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 160+00 to Sta 170+00

SHEET 19

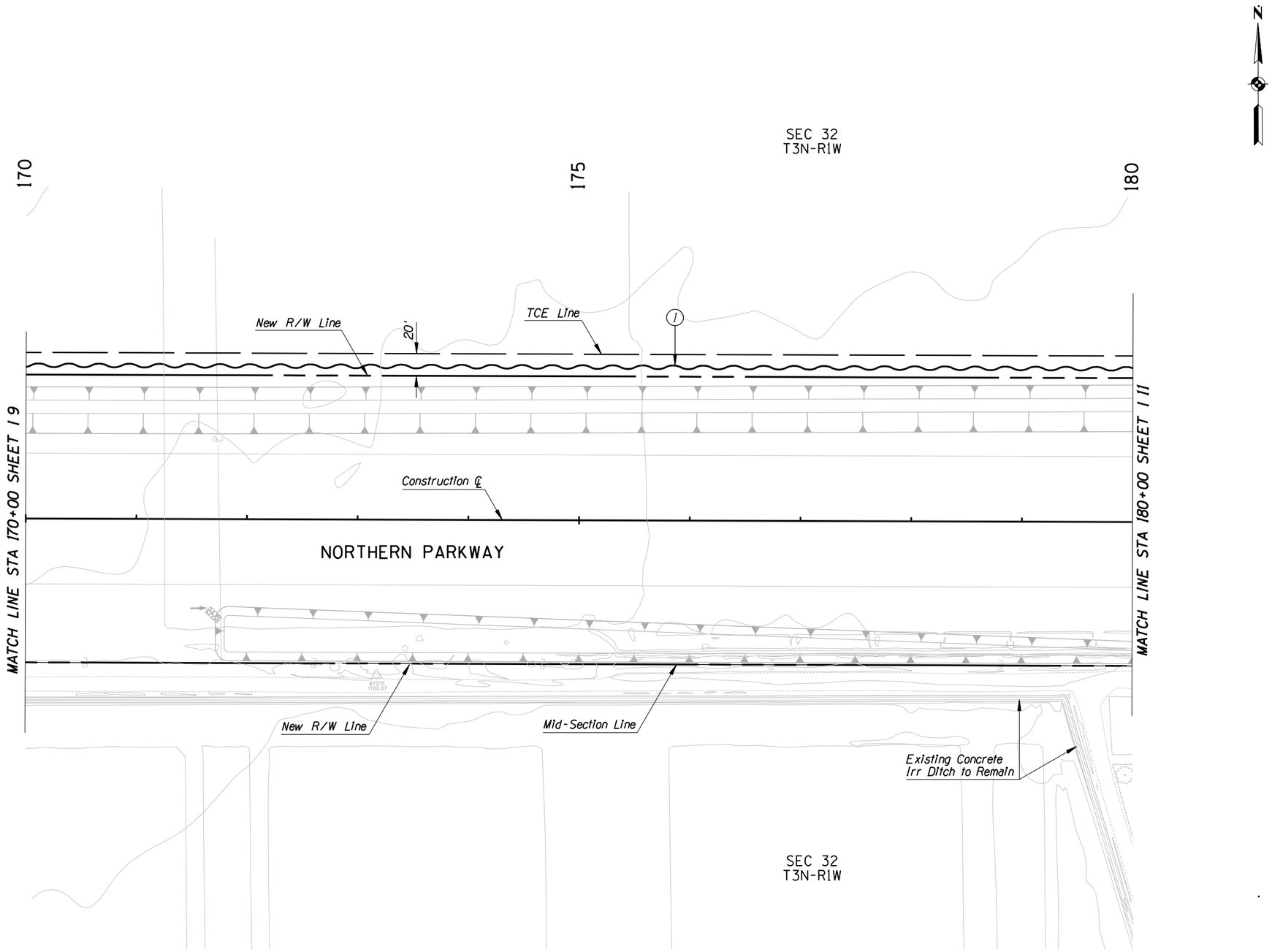
TRACS NO.

English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr10.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

1 *New Tailwater Ditch*

LEGEND

- *New Field Road*
- *New Concrete Irrigation Ditch*
- *New Dirt Tailwater Ditch*
- *New Irrigation Pipe*

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 170+00 to Sta 180+00

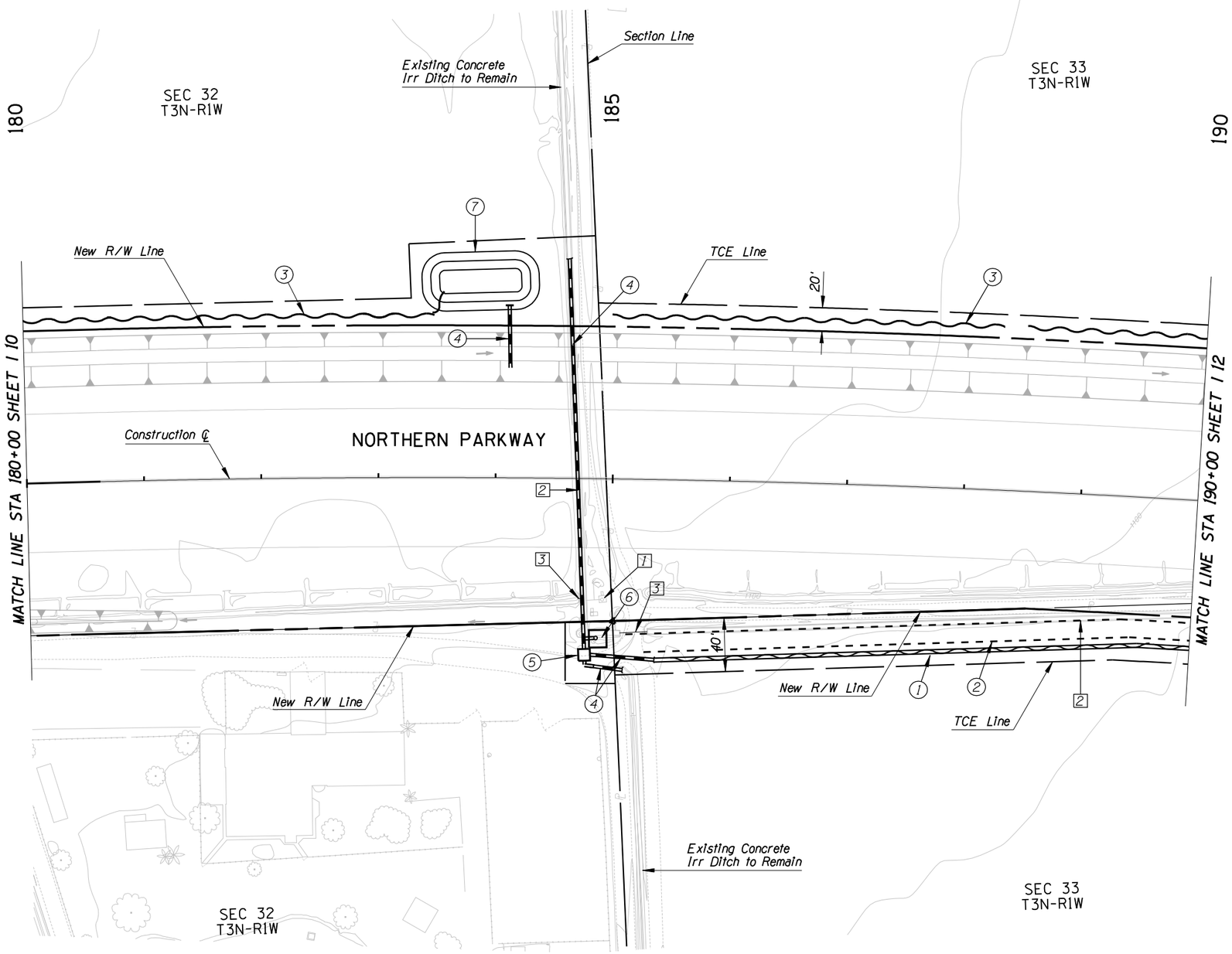
SHEET 1 10

TRACS NO.

English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr11.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX



REMOVAL /RELOCATE

1. Remove Existing Well Site
2. Remove Existing Concrete Irrigation Ditch
3. Remove Existing Irrigation Pipe

CONSTRUCTION

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Ditch
4. New 24" Irrigation Pipe
5. New Irrigation Structure
6. New Private Well Site
7. New 50' x 100' Tailwater Sump

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 180+00 to Sta 190+00

SHEET 1 11

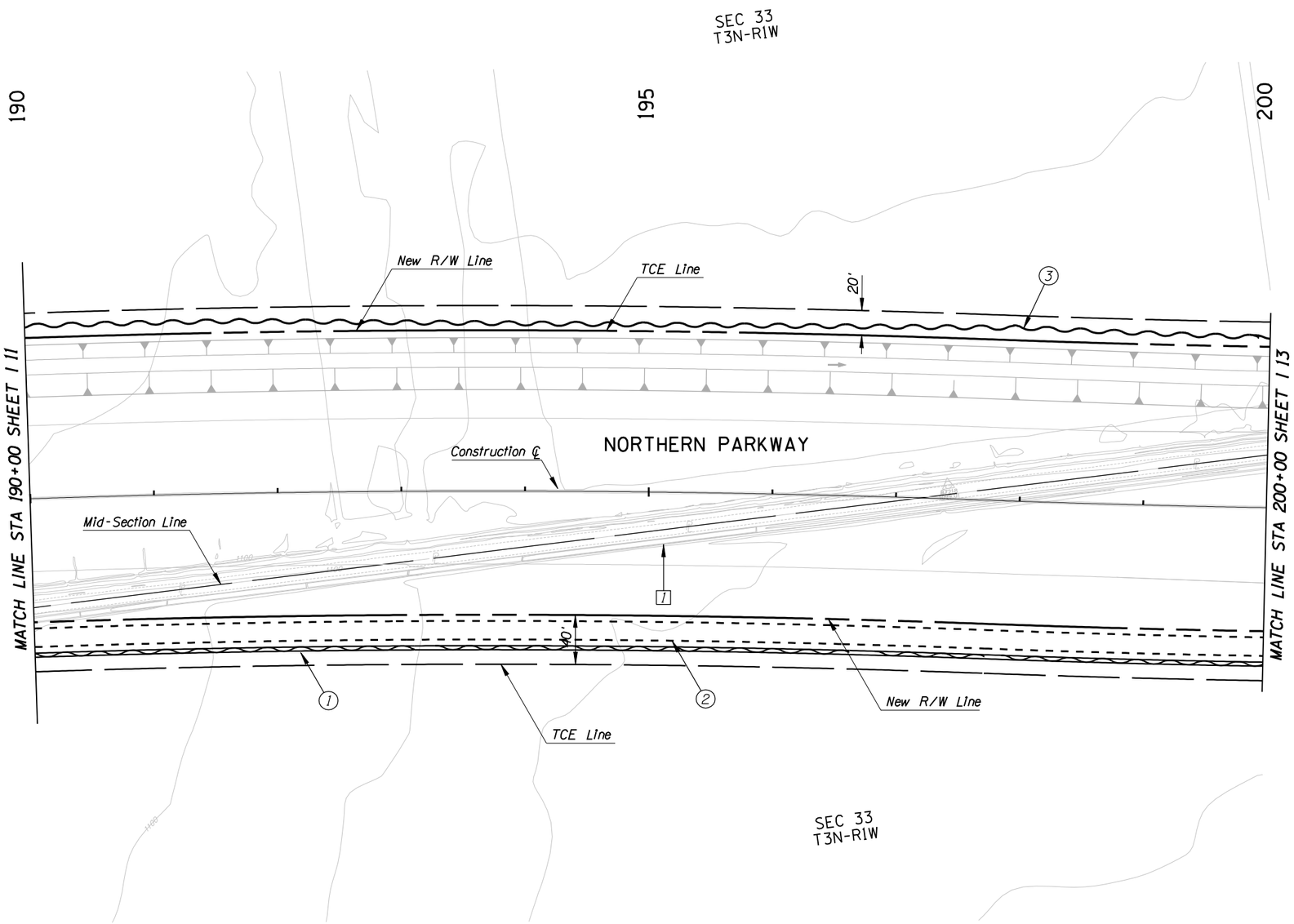
TRACS NO.

3/4/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*irrigation*TT108irr12.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1 Remove Existing Concrete Irrigation Ditch



○ **CONSTRUCTION** ○

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Ditch

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

NO.	REVISION	BY	DATE
1	URS UPDATE	LW	1/08
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 190+00 to Sta 200+00

SHEET 1 12

TRACS NO.

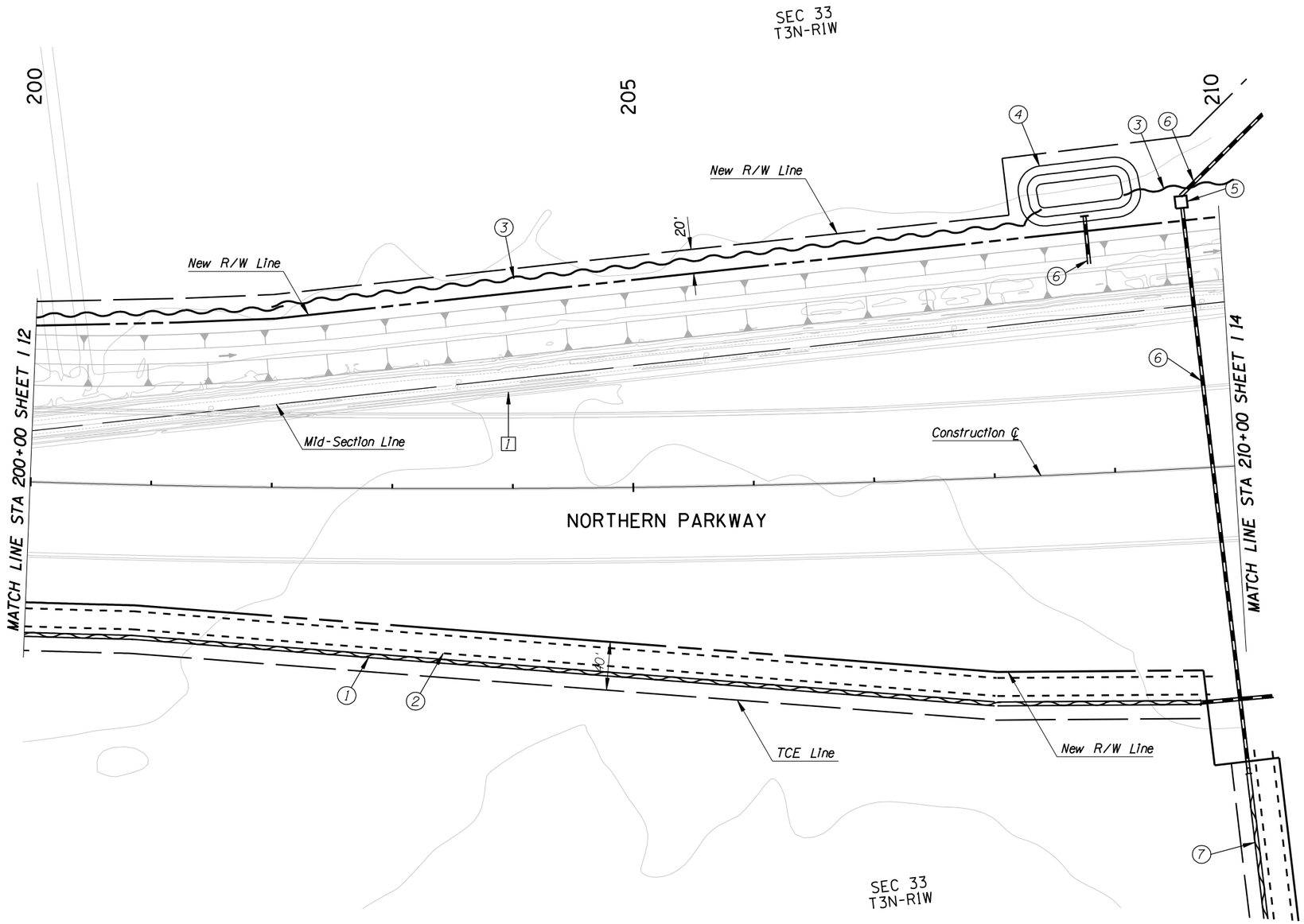
English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr13.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1 Remove Existing Concrete Irrigation Ditch



LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

○ **CONSTRUCTION** ○

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Ditch
4. New 50' x 100' Tailwater Sump
5. New Irrigation Structure
6. New 24" Irrigation Pipe

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 200+00 to Sta 210+00

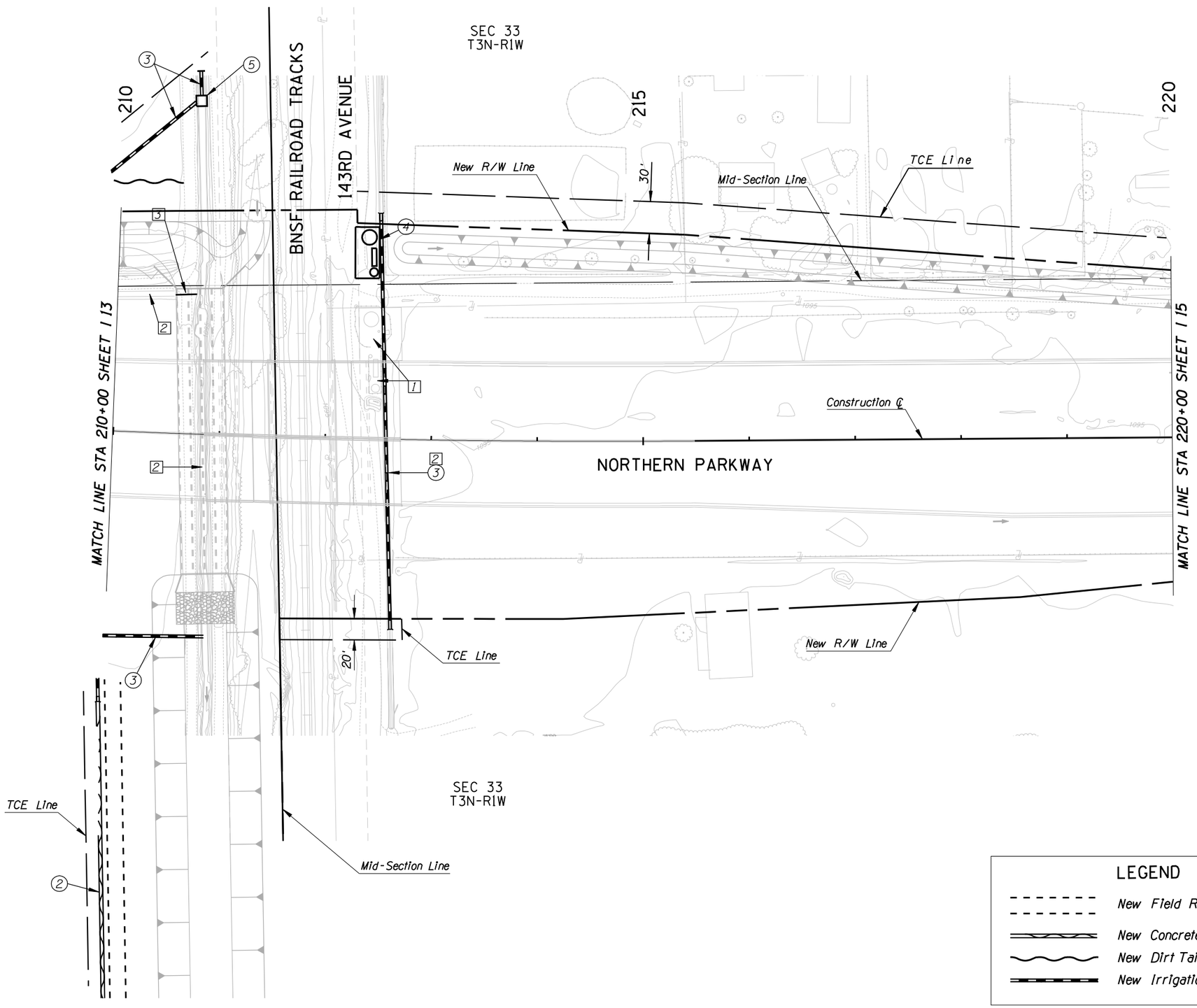
SHEET 1 13

TRACS NO.

English

3/4/2008 $TIME$
P:\city_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr14.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX



LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

N

REMOVAL /RELOCATE

1. Remove Existing Well Site
2. Remove Existing Concrete Irrigation Ditch
3. Remove Existing Irrigation Pipe

CONSTRUCTION

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New 24" Irrigation Pipe
4. New Domestic Well Site
5. New Irrigation Structure

NO.	REVISION	BY	DATE
1	URS UPDATE	LW	1/08
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 210+00 to Sta 220+00

SHEET 1 14

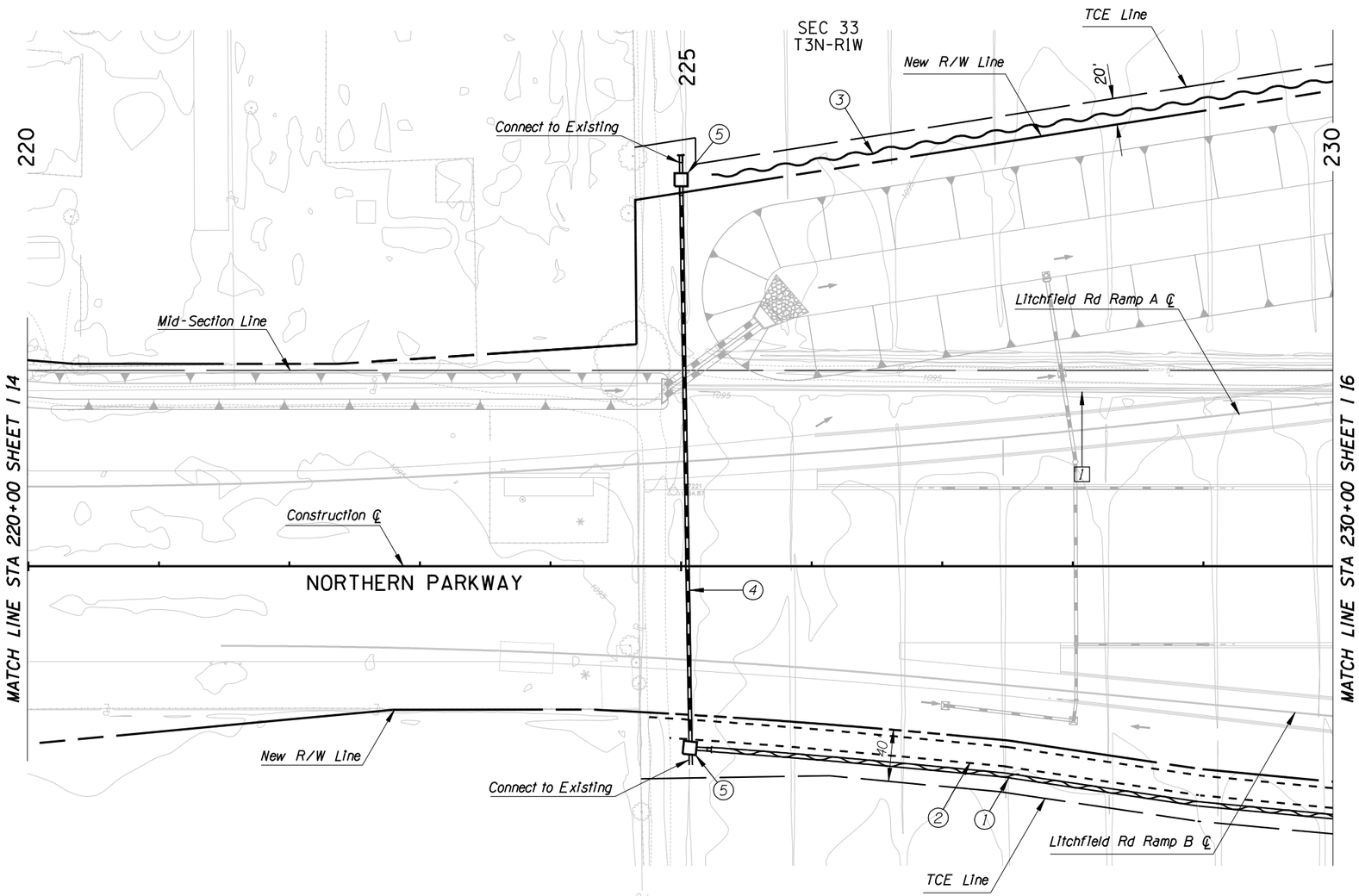
TRACS NO.

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr15.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1 Remove Existing Concrete Irrigation Ditch



○ **CONSTRUCTION** ○

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Ditch
4. New 24" Irrigation Pipe
5. New Irrigation Structure

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

NO.	REVISION	BY	DATE
1	URS UPDATE	LW	1/08
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 220+00 to Sta 230+00

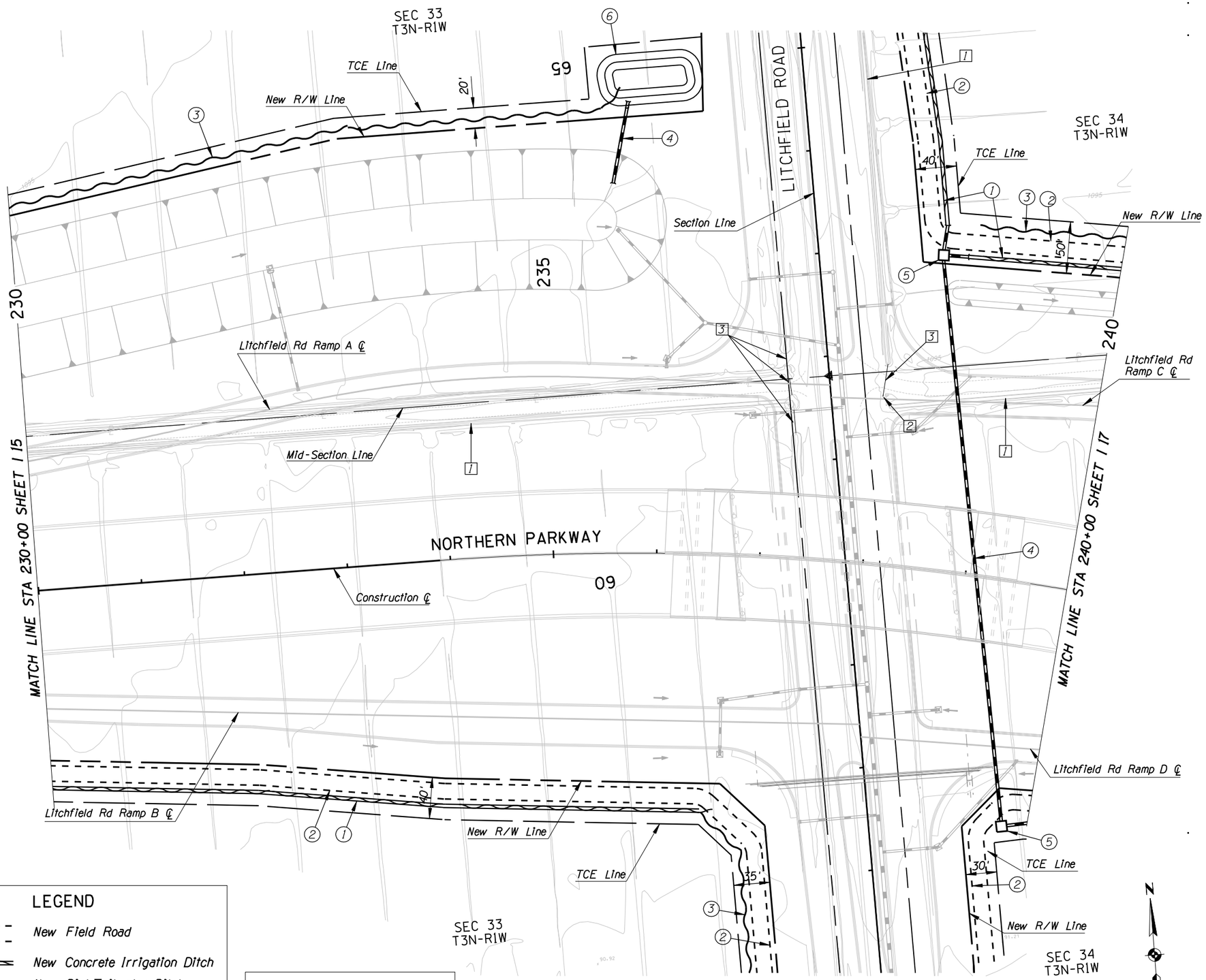
SHEET 1 15

TRACS NO.

English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr16.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX



LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

Access to Farm Field Roads Shall be Provided at Each Quadrant of Intersection.

☐ REMOVAL /RELOCATE ☐

1. Remove Existing Concrete Irrigation Ditch
2. Remove Existing Irrigation Standpipe
3. Remove Existing Irrigation Pipe

◯ CONSTRUCTION ◯

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Ditch
4. New 24" Irrigation Pipe
5. New Irrigation Structure
6. New 50' x 100' Tailwater Sump

NO.	REVISION	BY	DATE
1			
2			
3	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

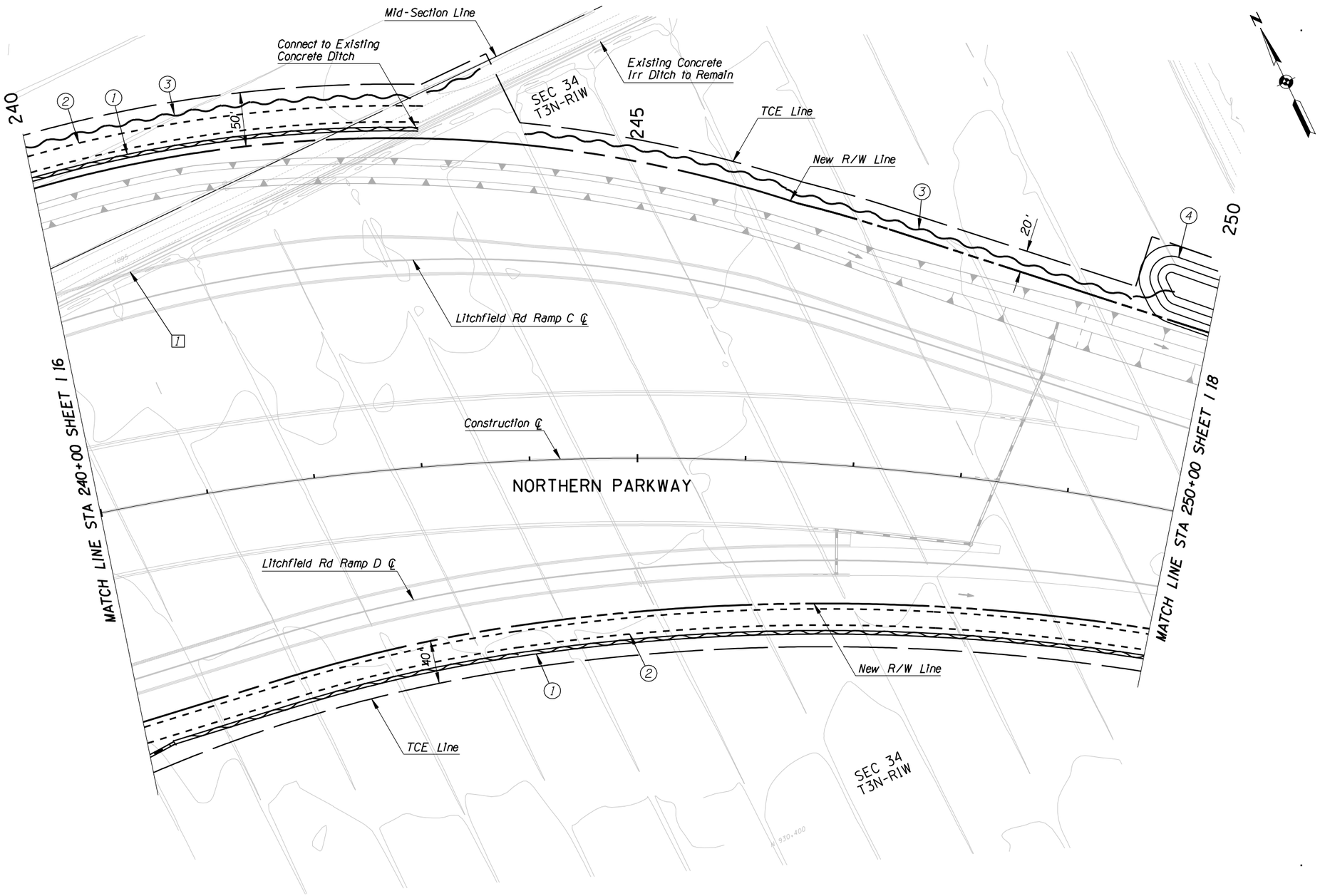
PLAN SHEET - IRRIGATION RELOCATION
Sta 230+00 to Sta 240+00

SHEET 1 16

TRACS NO.

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr17.dgn

English



LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1 Remove Existing Concrete Irrigation Ditch

◯ **CONSTRUCTION** ◯

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Ditch
4. New 50' x 100' Tailwater Sump

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 240+00 to Sta 250+00

SHEET 1 17

TRACS NO.

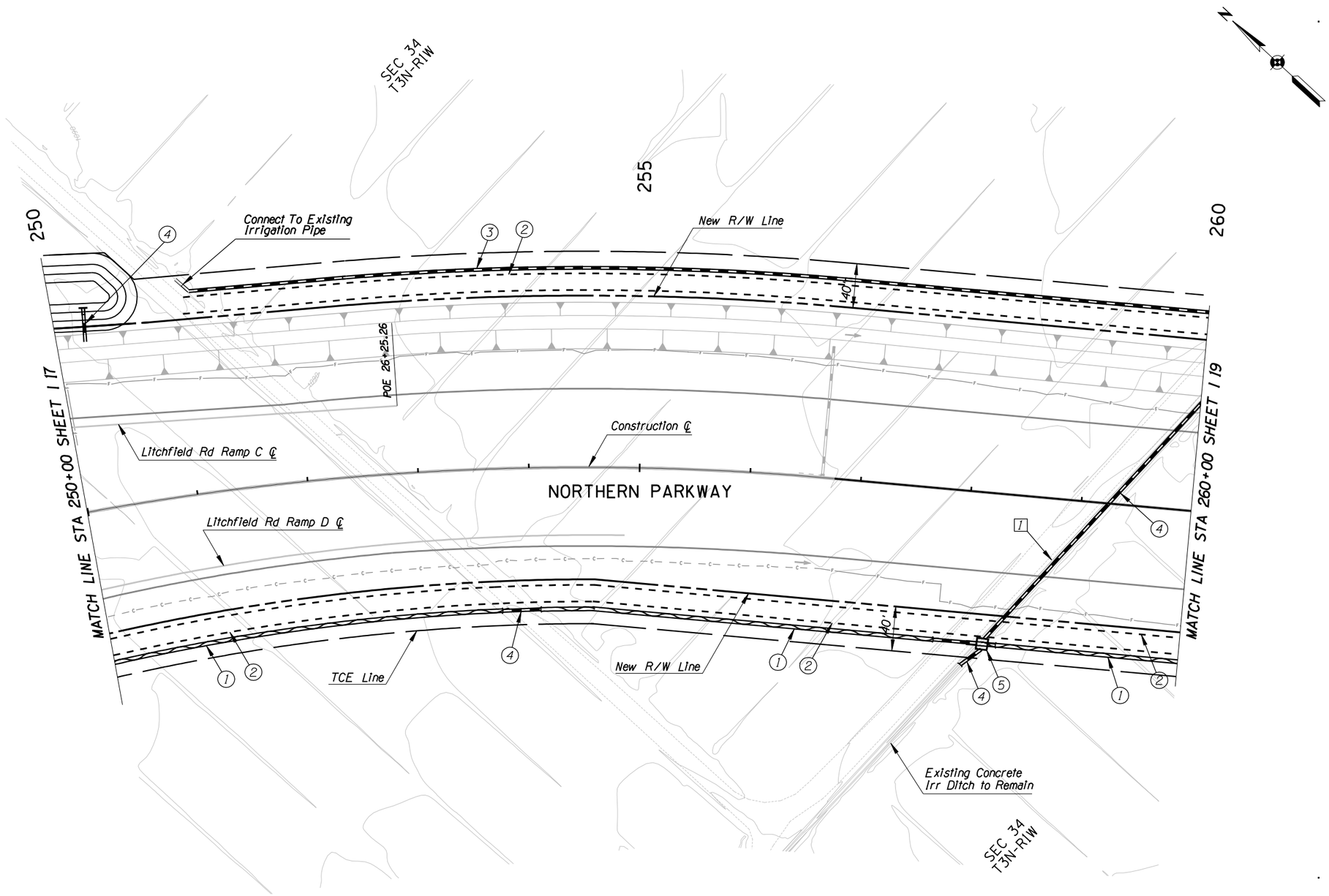
English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr18.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

[1] Remove Existing Concrete Irrigation Ditch



LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

○ **CONSTRUCTION** ○

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Irrigation Pipe With Alfalfa Valves
4. New 24" Irrigation Pipe
5. New Irrigation Structure

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 250+00 to Sta 260+00

SHEET I 18

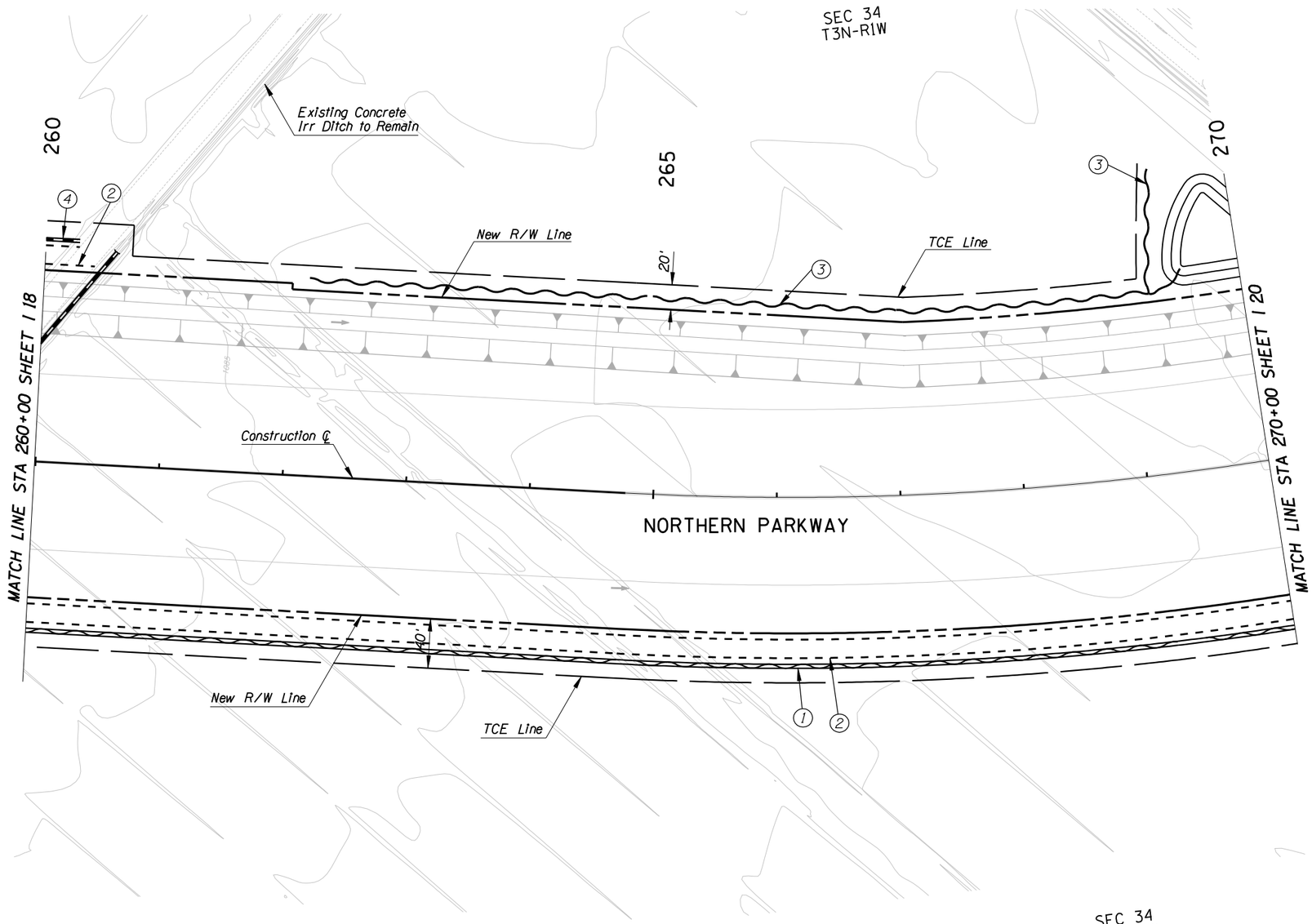
TRACS NO.

English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr19.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐



LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

○ **CONSTRUCTION** ○

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Ditch
4. New Irrigation Pipe With Alfalfa Valves

NO.	REVISION	BY	DATE
1	URS UPDATE	LW	1/08
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 260+00 to Sta 270+00

SHEET 1 19

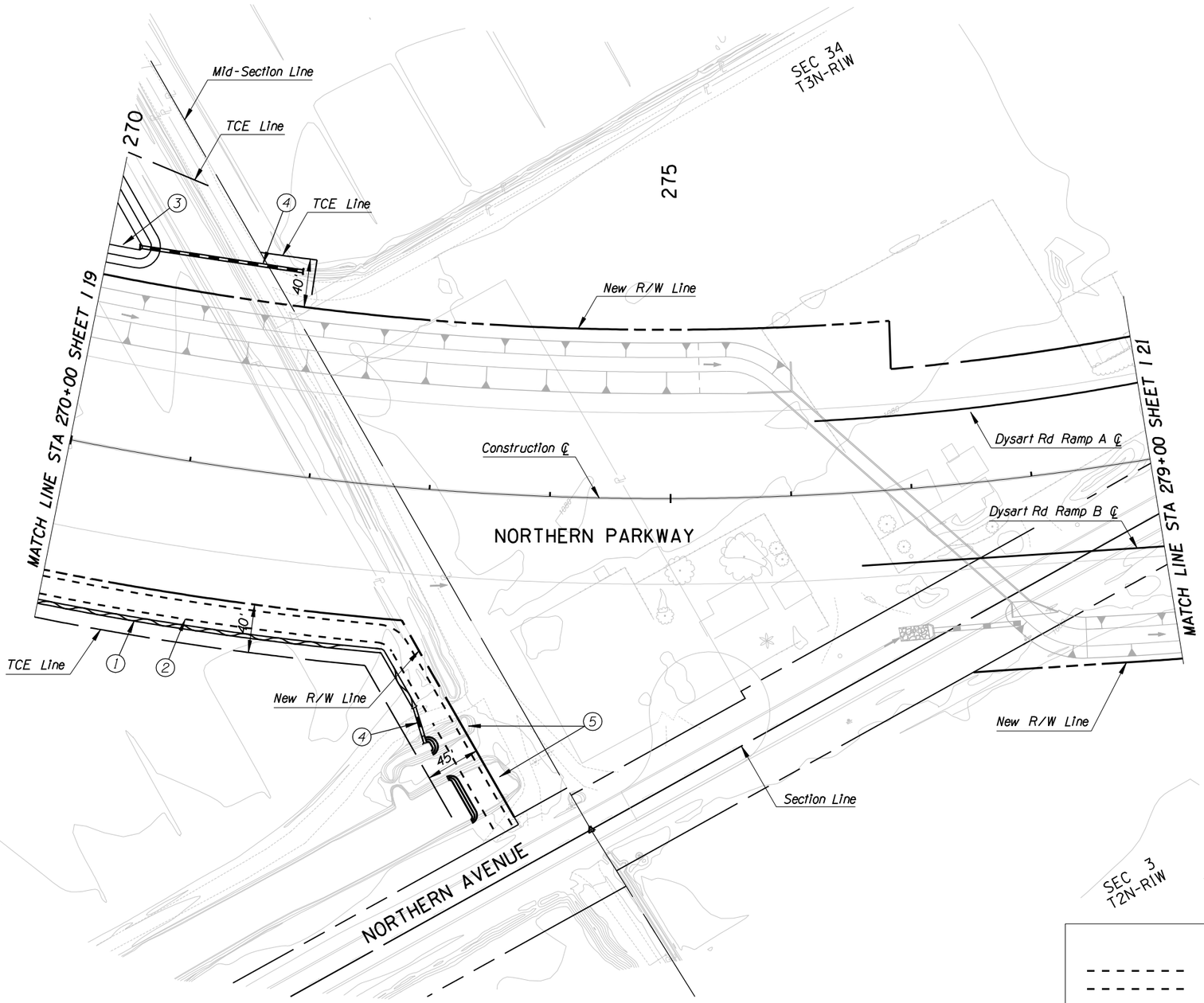
TRACS NO.

English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr20.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐



LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

○ **CONSTRUCTION** ○

1. New Private Concrete Irrigation Ditch
2. New 15' Wide Field Road
3. New Tailwater Sump
4. New 24" Irrigation Pipe
5. Regrade Sump Areas
6. New Tailwater Ditch

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 270+00 to Sta 279+00

SHEET 120

TRACS NO.

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr21.dgn

English

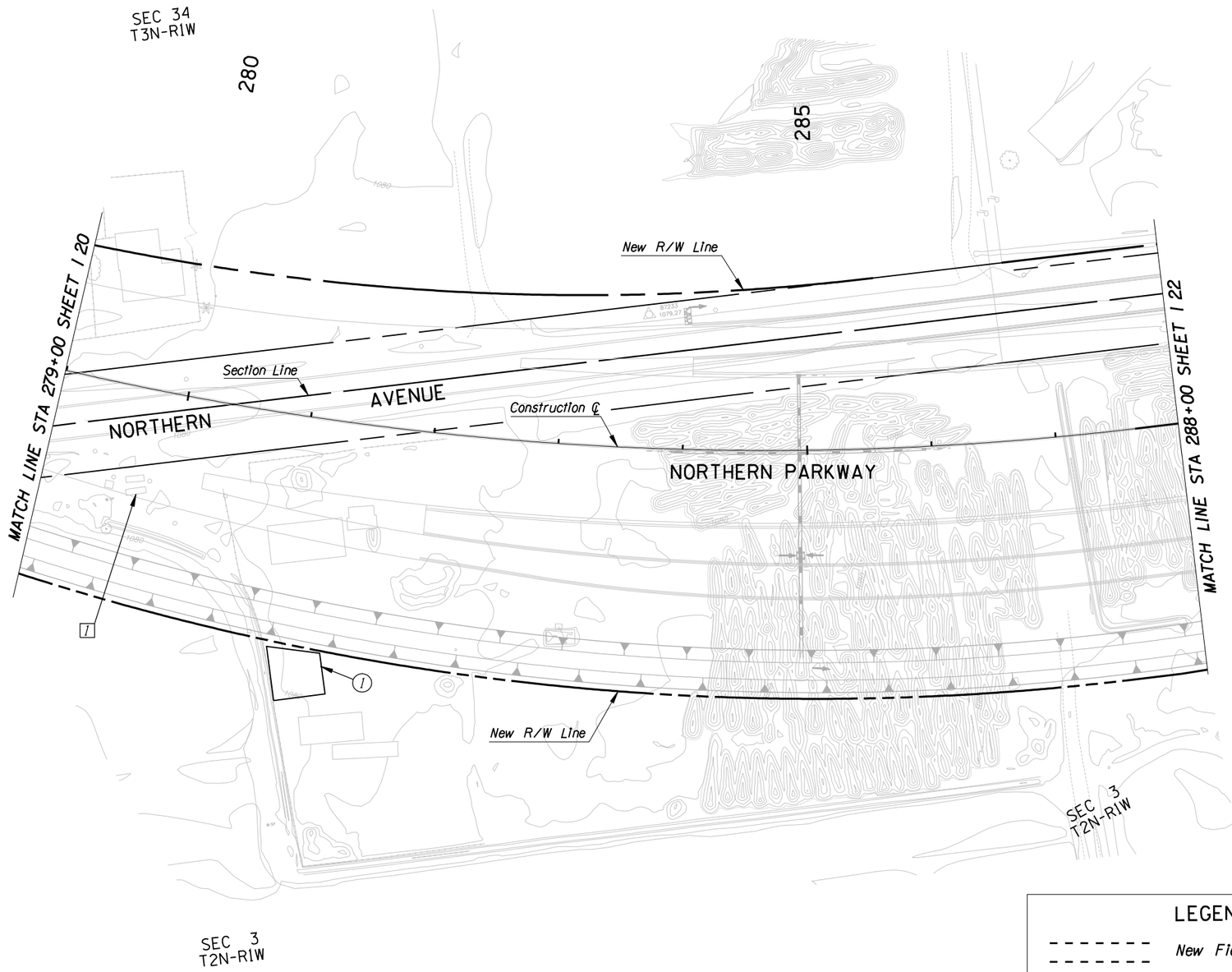
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

[1] *Remove Existing Private Well*

◯ **CONSTRUCTION** ◯

(1) *New Private Well Site*



LEGEND

- *New Field Road*
- *New Concrete Irrigation Ditch*
- *New Dirt Tailwater Ditch*
- *New Irrigation Pipe*

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 279+00 to Sta 288+00

SHEET 1 21

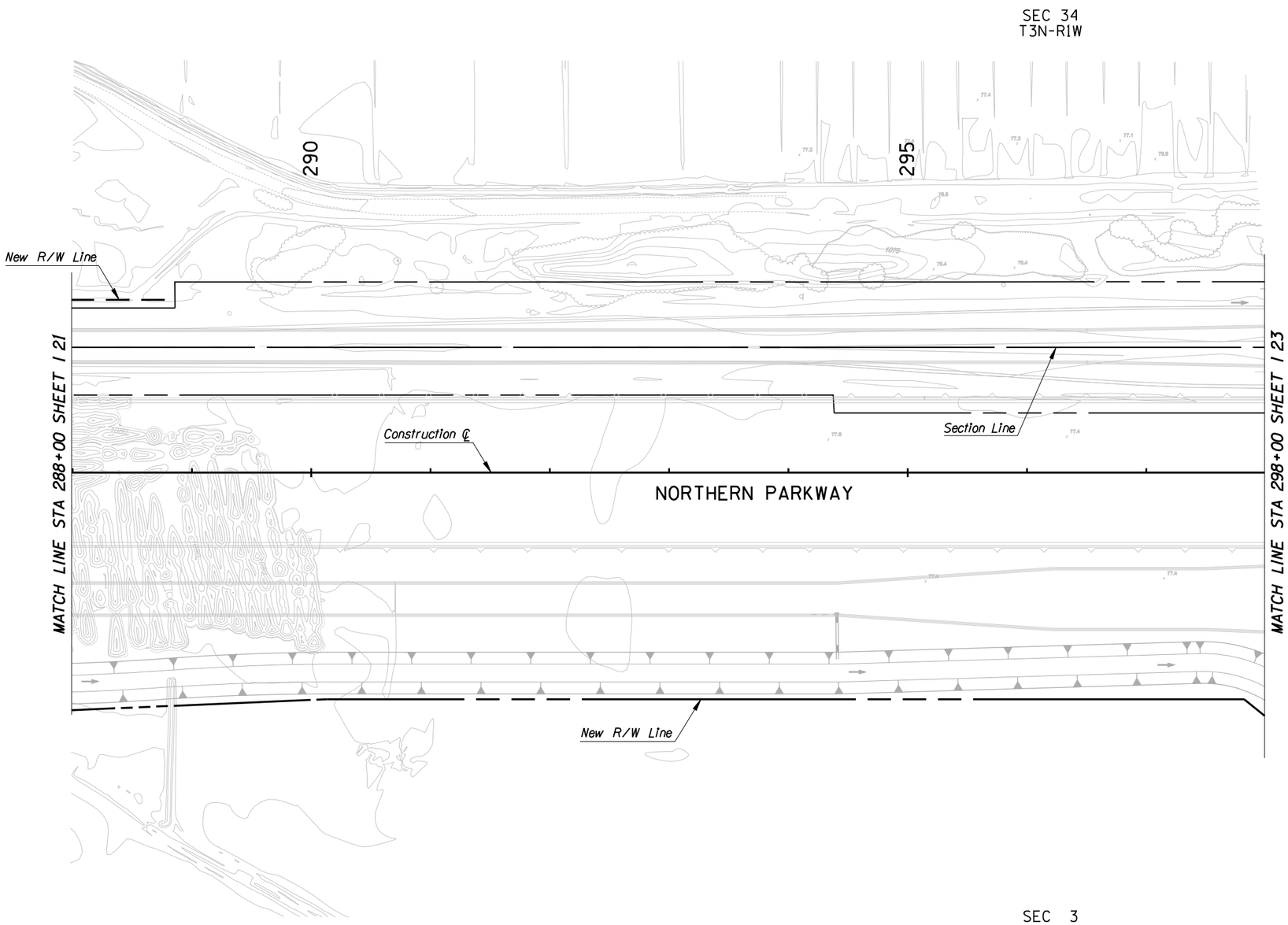
TRACS NO.

English

3/4/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*irrigation*TT108irr22.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐



○ **CONSTRUCTION** ○

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 288+00 to Sta 298+00

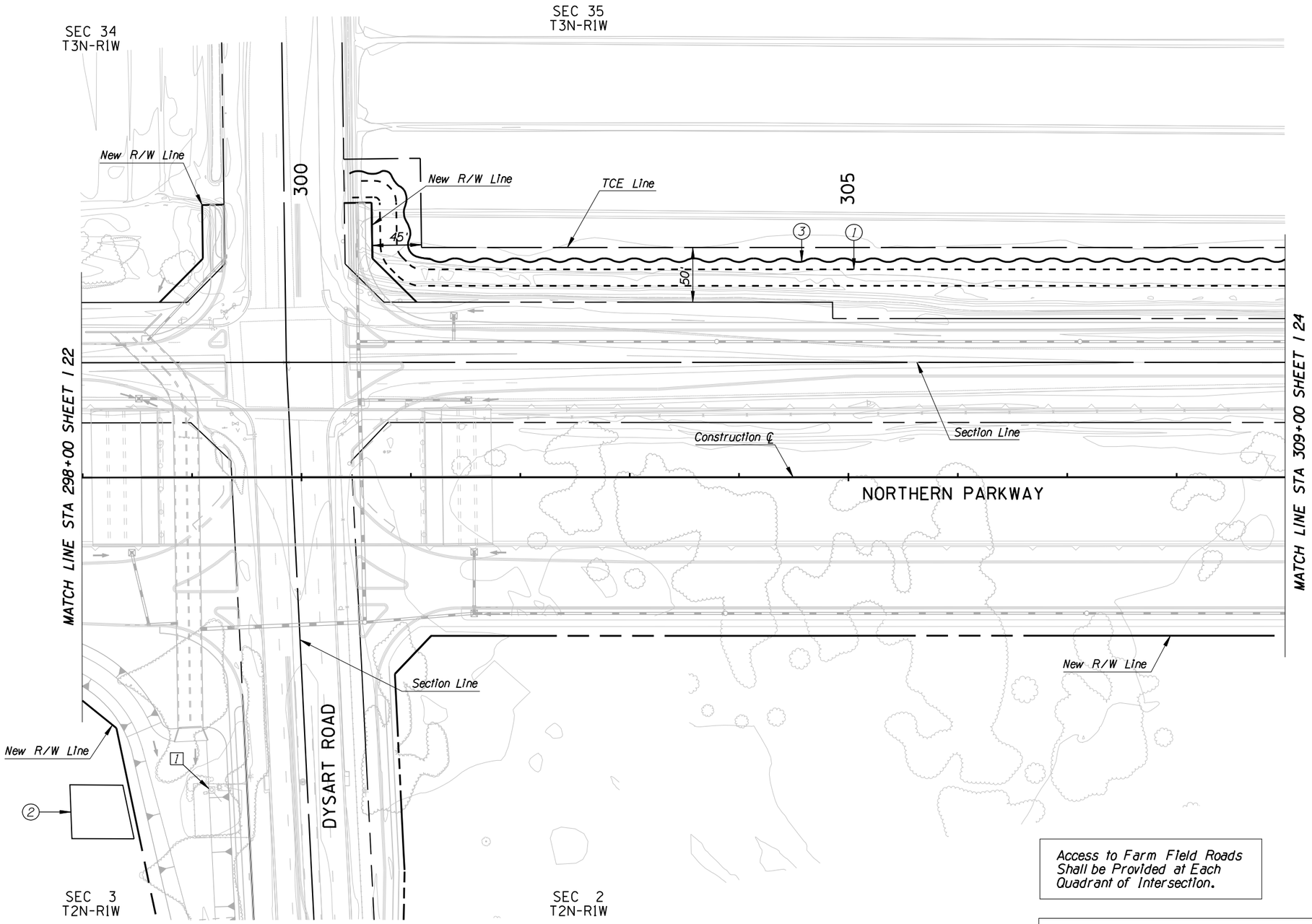
SHEET
I 22

TRACS NO.

English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr23.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX



Access to Farm Field Roads Shall be Provided at Each Quadrant of Intersection.

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

REMOVAL /RELOCATE

1 Remove Existing Private Well

CONSTRUCTION

1. New 15' Wide Field Road
2. New Private Well Site
3. New Tailwater Ditch

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 298+00 to Sta 309+00

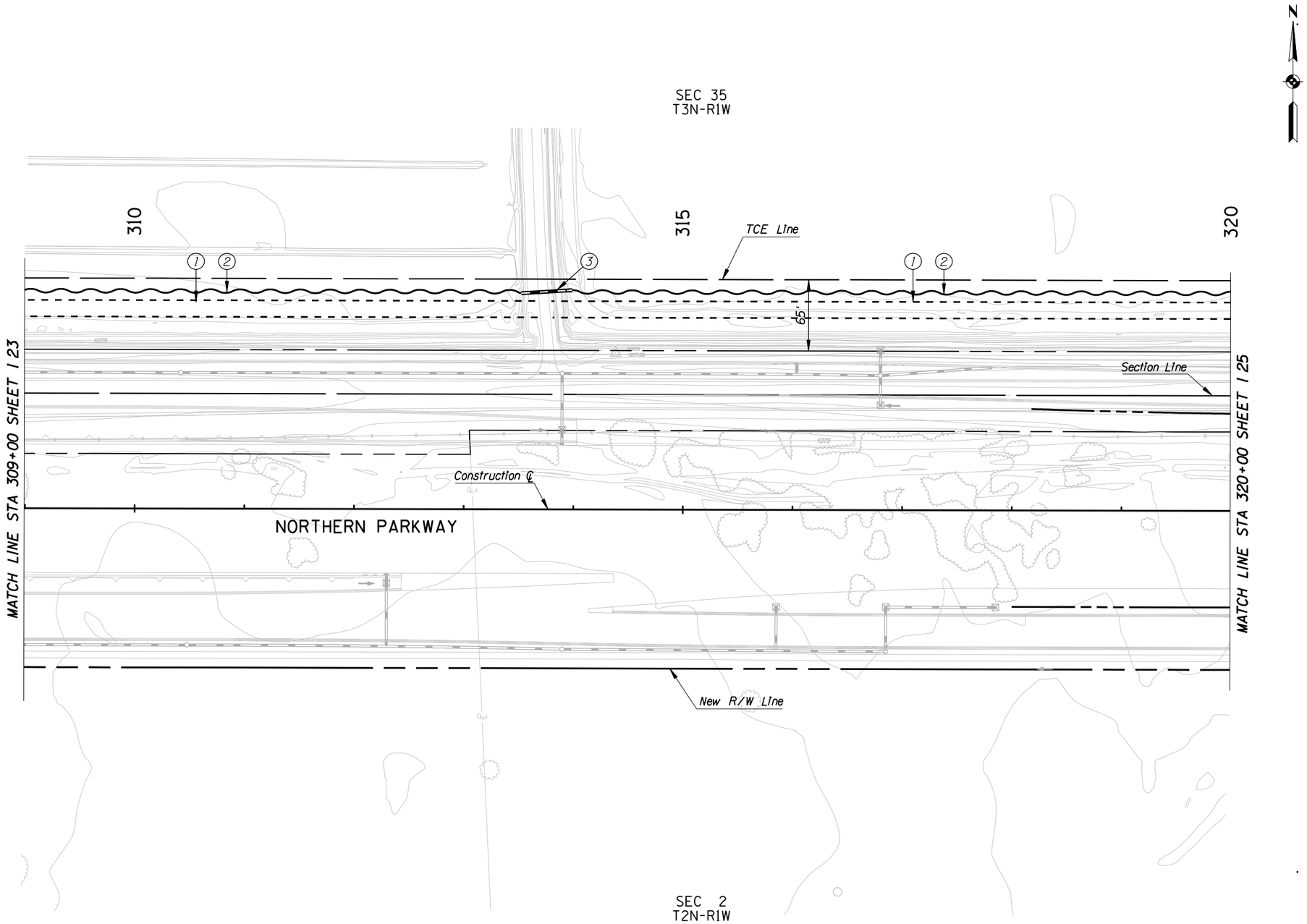
SHEET 1 23

TRACS NO.

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr24.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐



CONSTRUCTION

1. New 15' Wide Field Road
2. New Tailwater Ditch
3. New 24" Irrigation Pipe

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

NO.	REVISION	BY	DATE
1	URS UPDATE URS	LW	1/08
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

PLAN SHEET - IRRIGATION RELOCATION
Sta 309+00 to Sta 320+00

SHEET 1 24

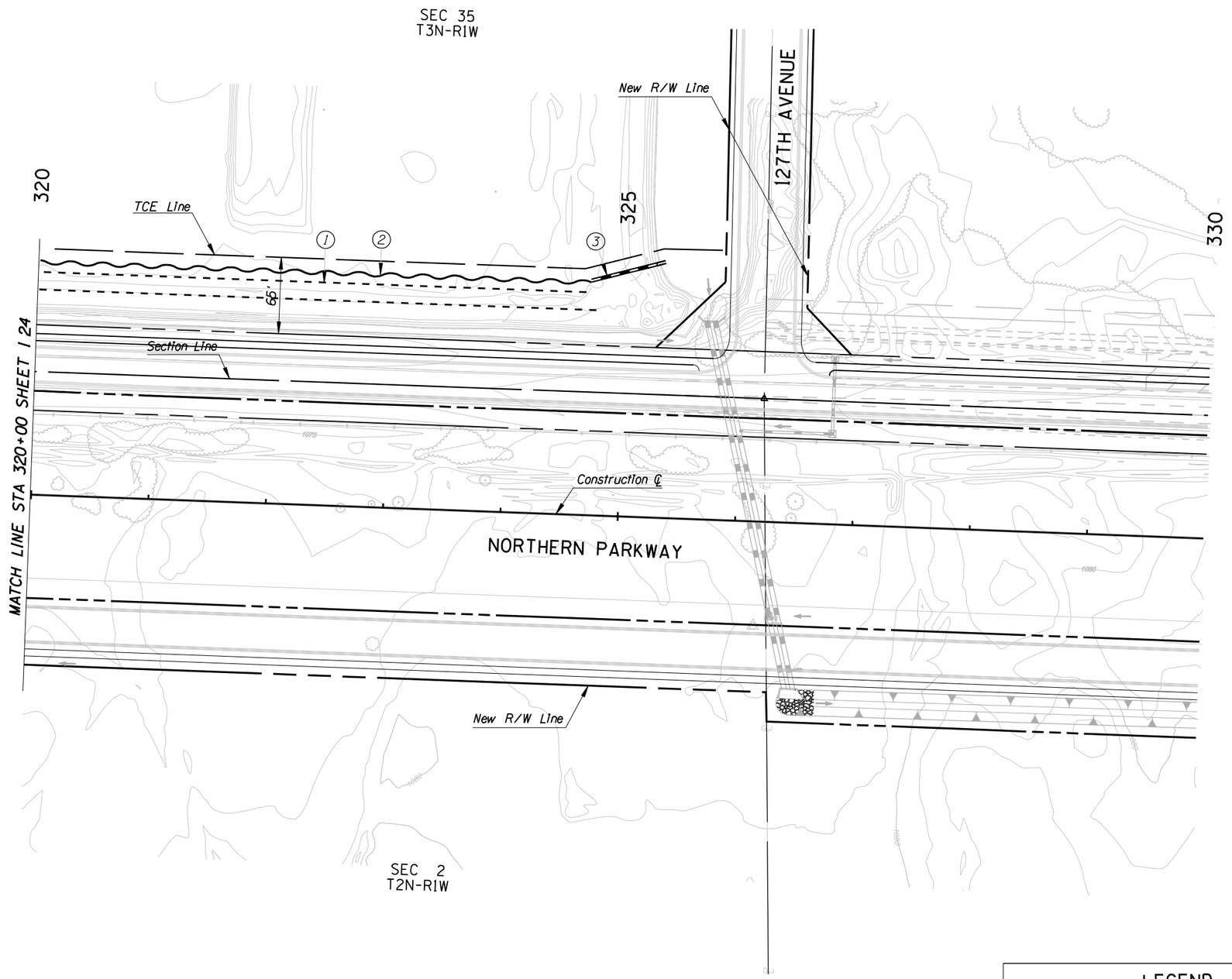
TRACS NO.

English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr25.dgn

F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	TT108	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐



N

○ **CONSTRUCTION** ○

1. New 15' Wide Field Road
2. New Tailwater Ditch
3. New 24" Irrigation Pipe

LEGEND

- New Field Road
- New Concrete Irrigation Ditch
- New Dirt Tailwater Ditch
- New Irrigation Pipe

NO.	REVISION	BY	DATE
3			
2			
1	URS UPDATE	LW	1/08

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	M. HEATON	3/07
DRAWN	J. GRIBBLE	3/07
CHECKED	S. MILLER	3/07

PROJECT ENGINEERING CONSULTANTS, LTD.
2310 W. Mission Lane, Suite 4
Phoenix, Arizona 85021 (602) 906-1901

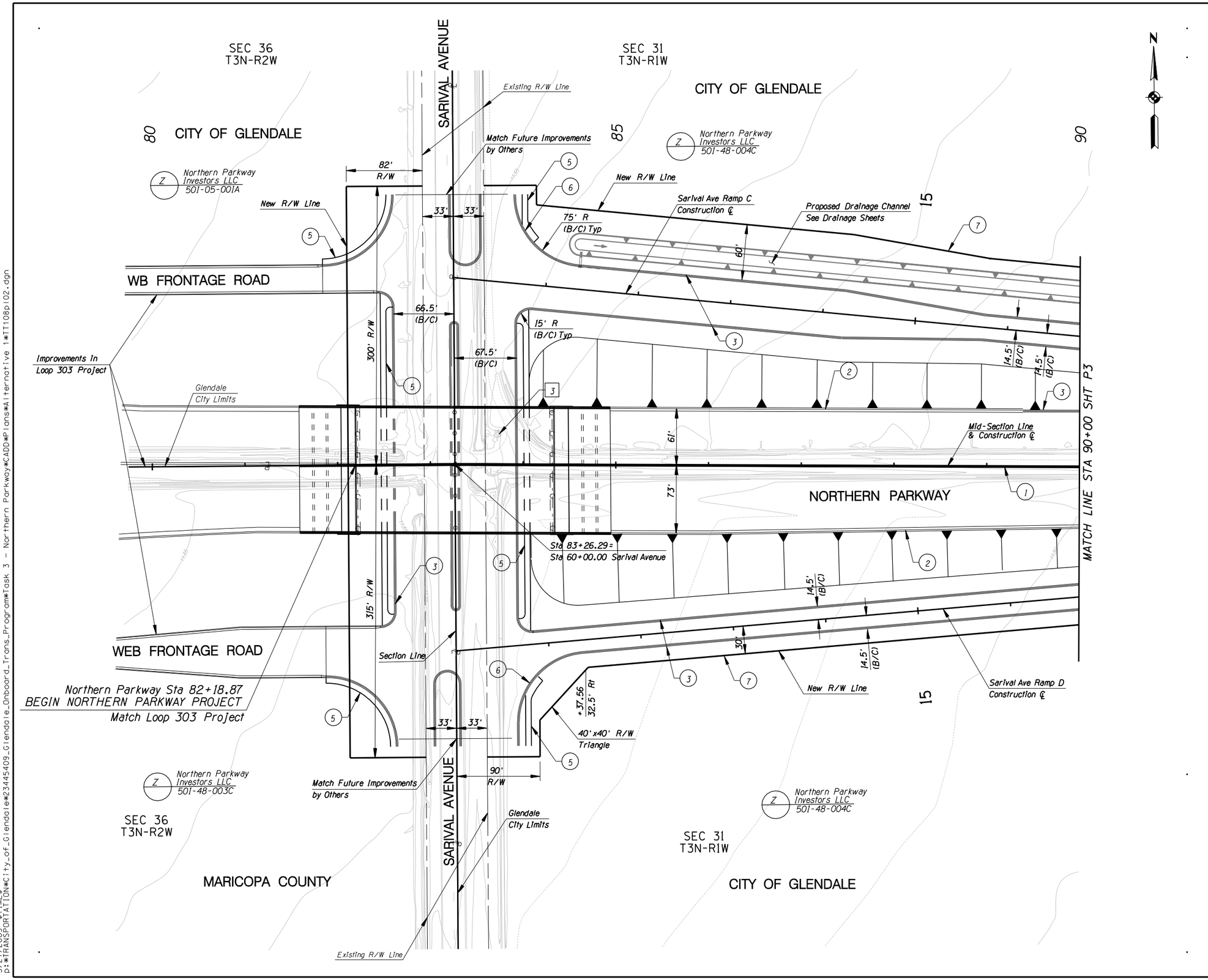
PLAN SHEET - IRRIGATION RELOCATION
Sta 320+00 to Sta 330+00

SHEET
I 25

TRACS NO.

English

3/4/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\irrigation\TT108irr26.dgn



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

REMOVAL /RELOCATE

1
2
3 Remove Well

CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curg & Gutter
4.
5. New S/W
6. New S/W Ramp
7. New R/W Fence
8. New Bridge
9.

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	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

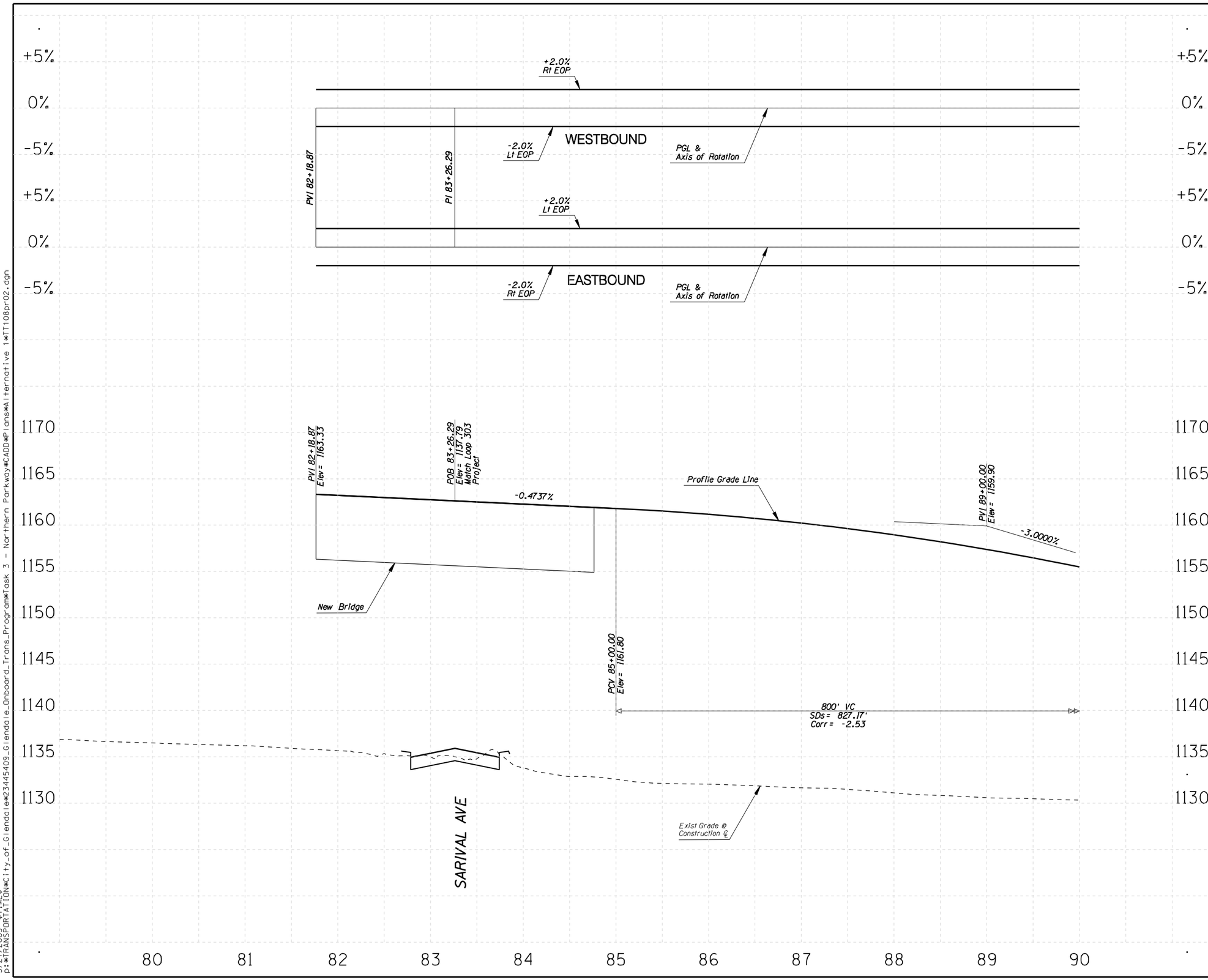
PAVING PLAN SHEET
STA 81+76.46 TO STA 90+00

SHEET
P1

TRACS NO. 0000 MA MMA SS593 01C

English

5/27/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway*CADD*Plans*Alternative 1*TT108p102.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	R HOOKEY	7/08
CHECKED	R MILES	7/08

URS

PROFILE SHEET
STA 83+26 TO STA 90+00

SHEET
P2

TRACS NO. 0000 MA MMA SS593 01C

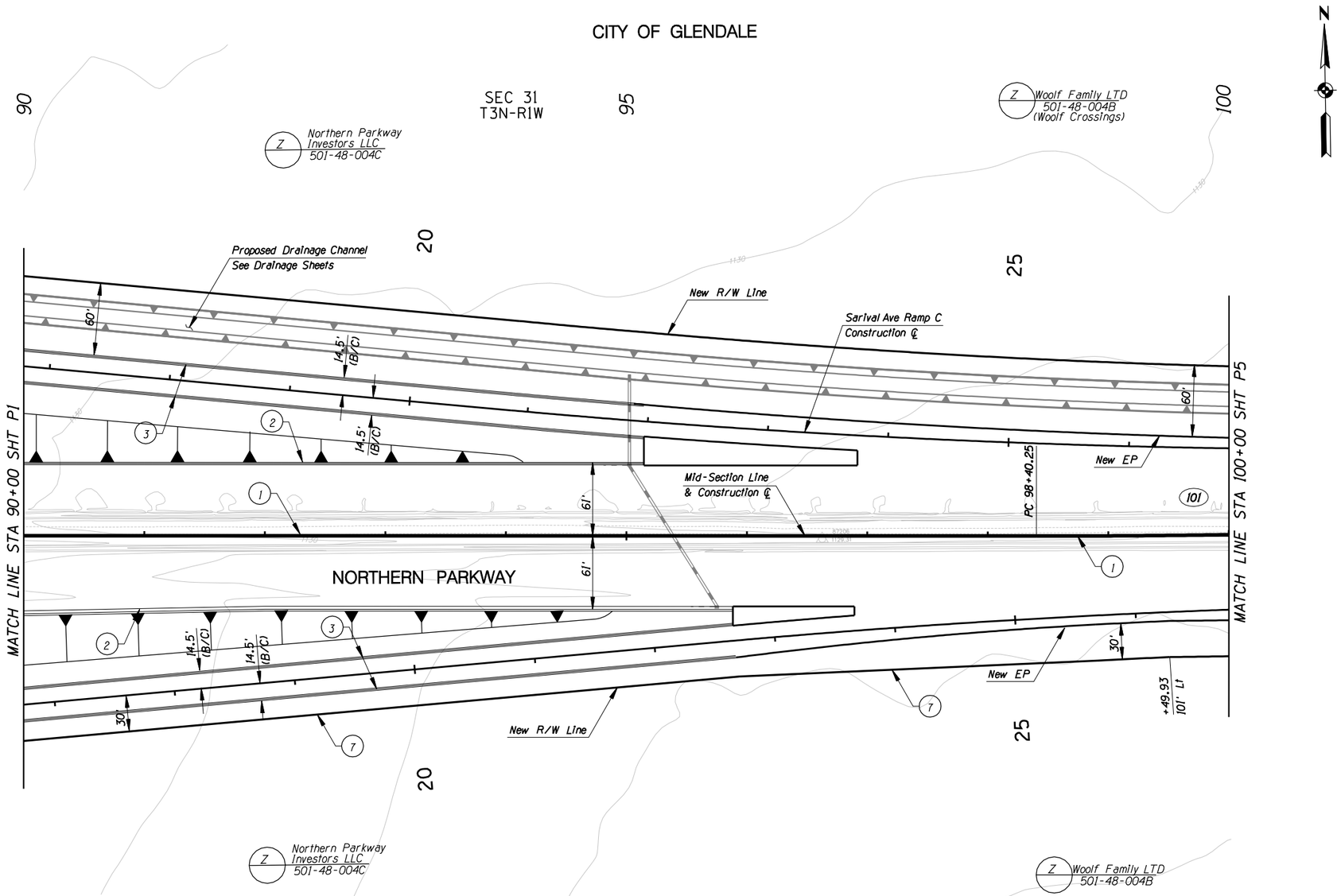
English

5/27/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*TT108pr02.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



CONSTRUCTION

1. New Concrete Median Barrier
2. New Concrete Half Barrier
3. New Curb & Gutter
4. New Median Curb
5.
6.
7. New R/W Fence
8. New Bridge
9.
10.

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

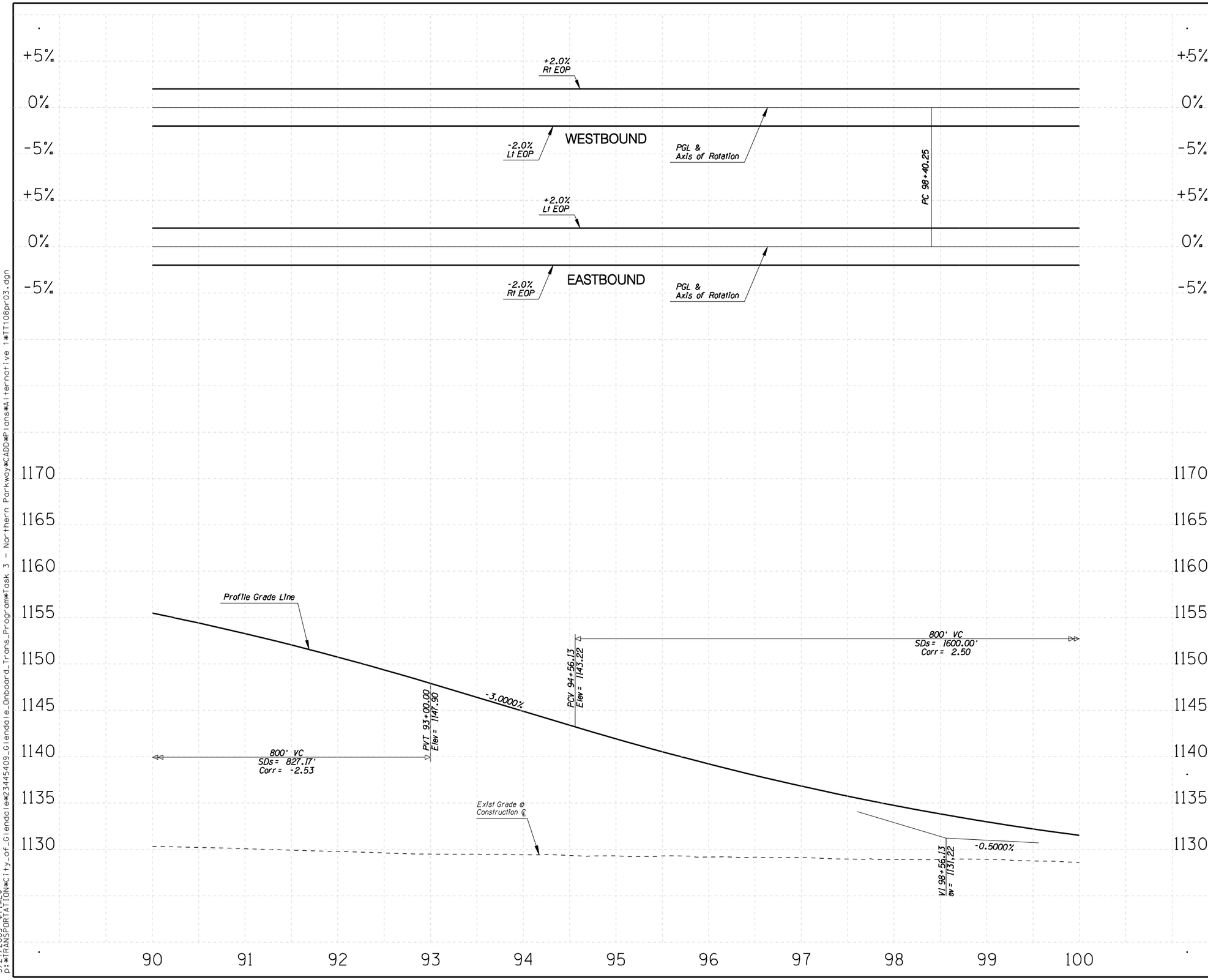
PAVING PLAN SHEET
STA 90+00 TO STA 100+00

SHEET P3

TRACS NO. 0000 MA MMA SS593 01C

English

5/27/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*T1108p103.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	R HOOKEY	7/08
CHECKED	R MILES	7/08

URS

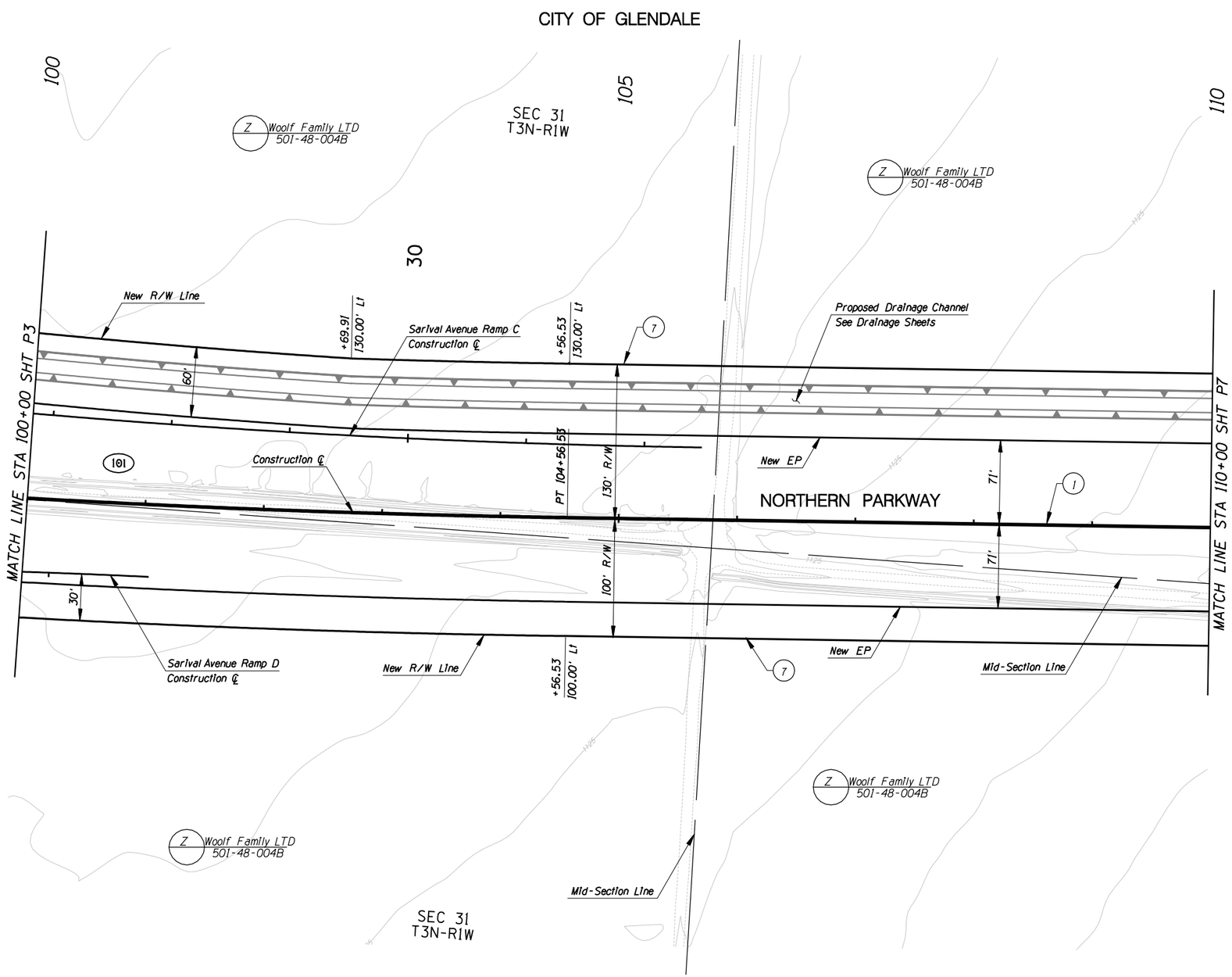
PROFILE SHEET
STA 90+00 TO STA 100+00

SHEET P4

TRACS NO. 0000 MA MMA SS593 01C

English

5/27/2009 $TIME$
p:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\TT108pr03.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. New Concrete Median Barrier
2.
3.
4.
5.
6.
7. New R/W Fence
8.
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

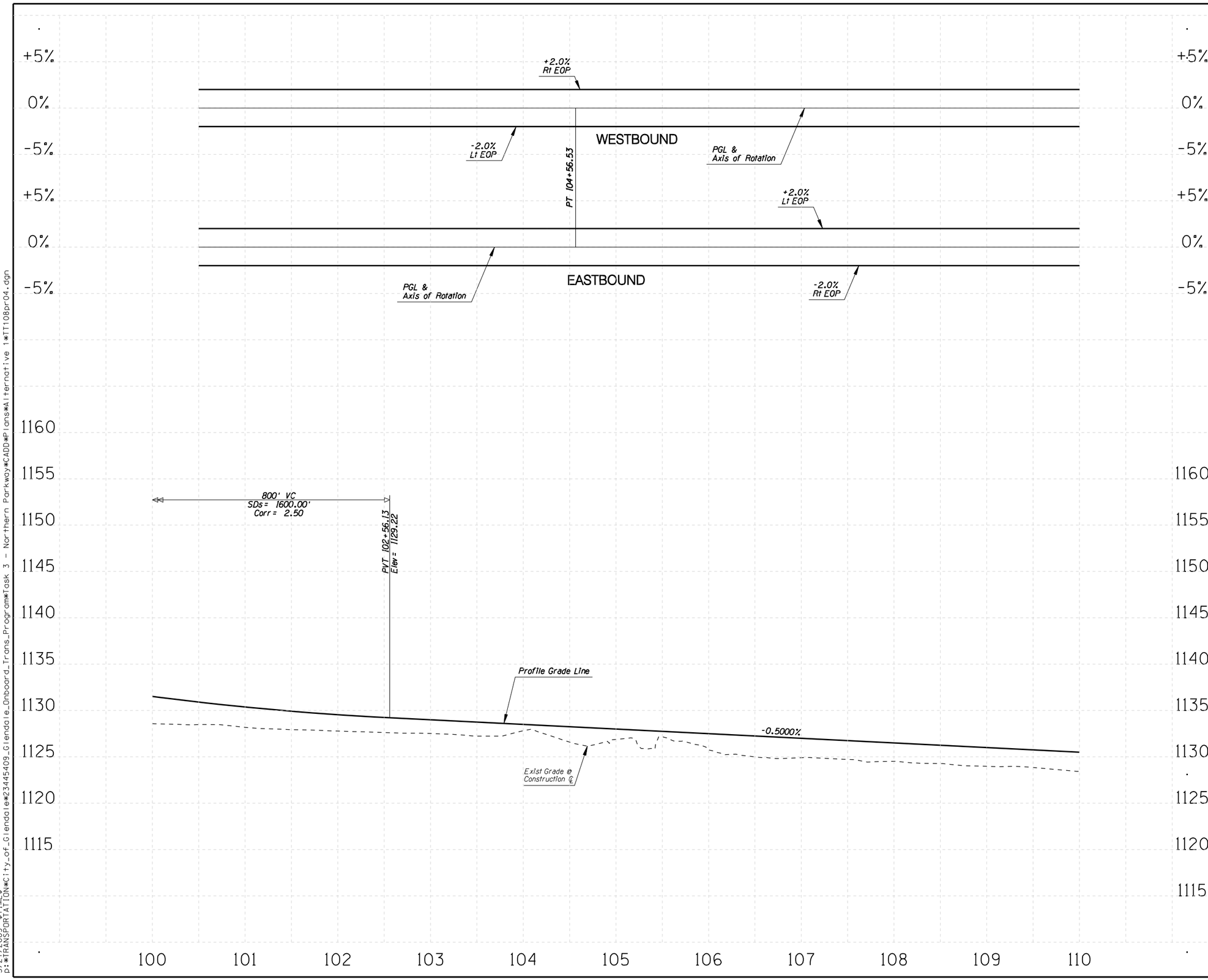
PAVING PLAN SHEET
STA 100+00 TO STA 110+00

SHEET P5

TRACS NO. 0000 MA MMA SS593 01C

English

5/27/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*T1108p104.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	R HOOKEY	7/08
CHECKED	R MILES	7/08

URS

PROFILE SHEET
STA 100+00 TO STA 110+00

SHEET
P6

TRACS NO. 0000 MA MMA SS593 01C

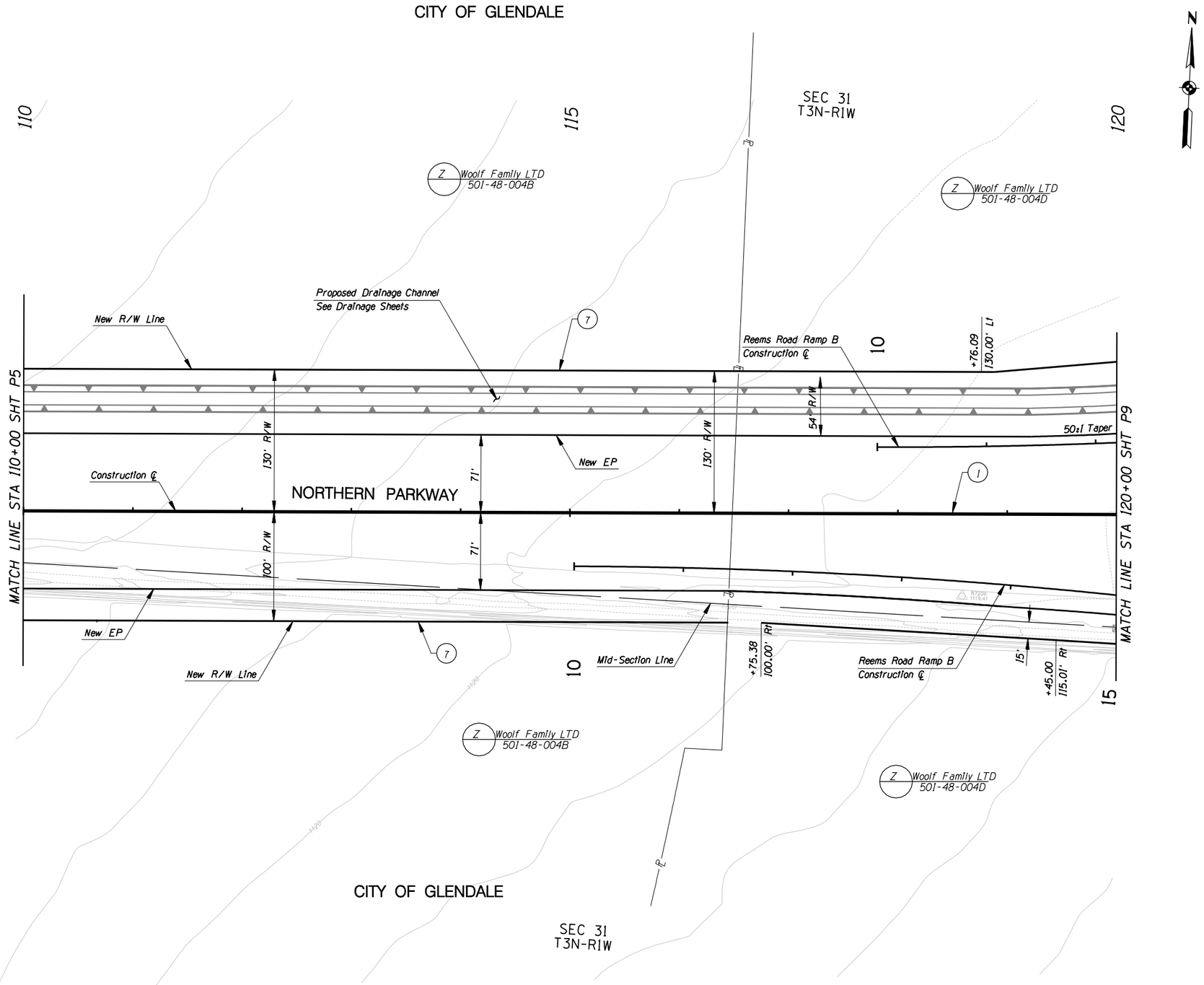
English

5/27/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*TT108pr04.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



CONSTRUCTION

1. New Concrete Median Barrier
2.
3.
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

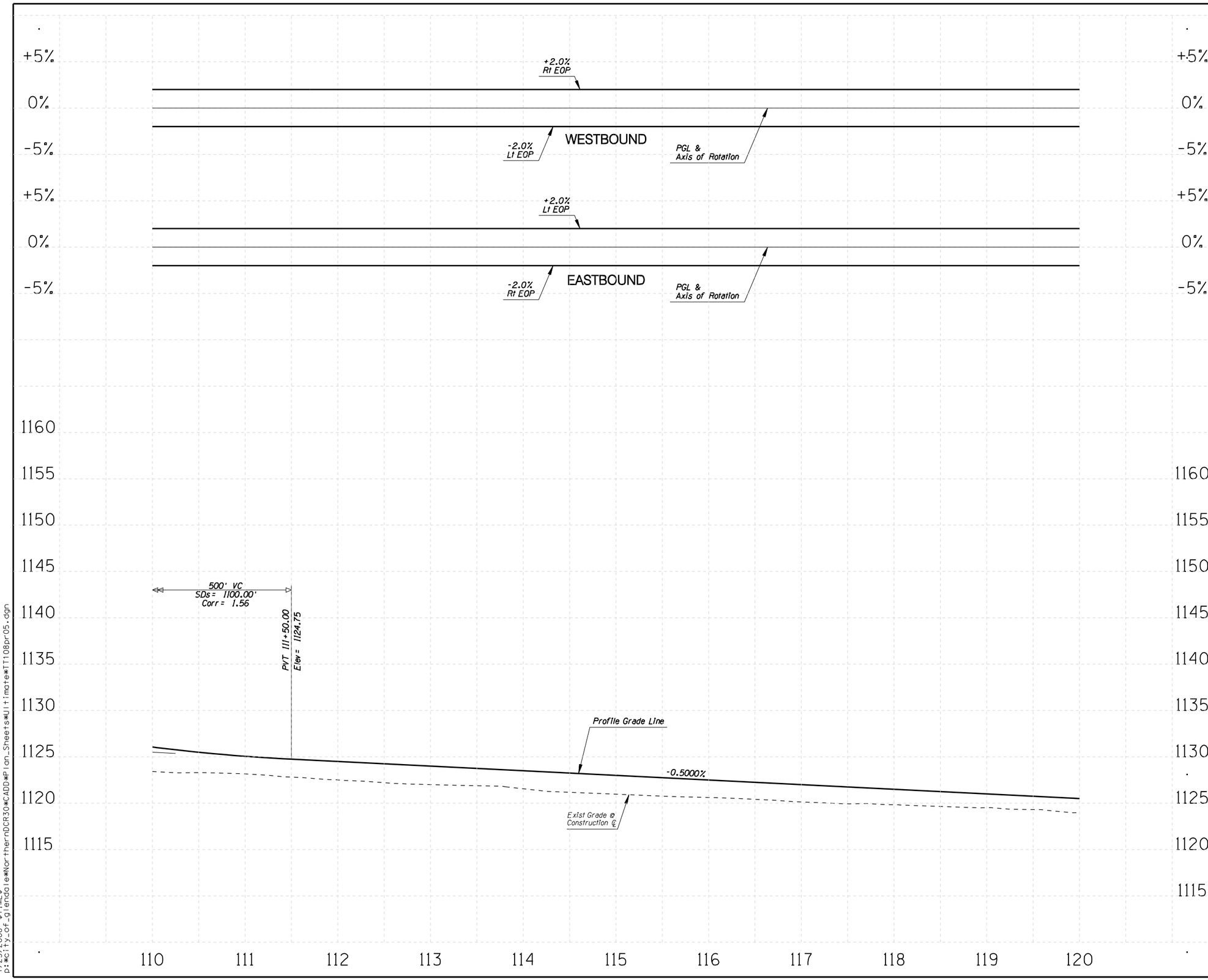
PAVING PLAN SHEET
STA 110+00 TO STA 120+00

SHEET P7

TRACS NO. 0000 MA MMA SS593 01C

English

5/27/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*TT108p105.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 110+00 TO STA 120+00

SHEET
P8

TRACS NO. 0000 MA MMA SS593 01C

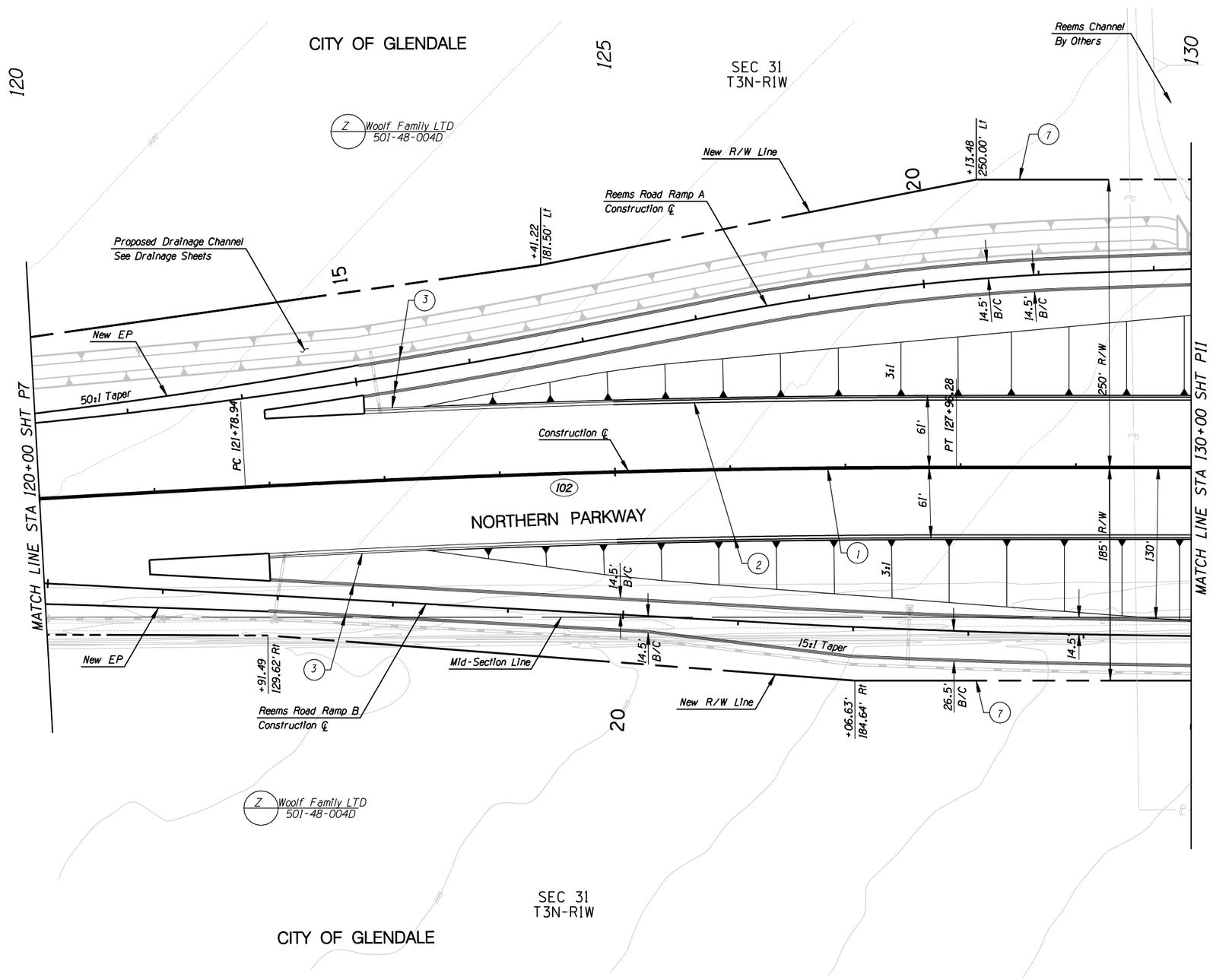
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr05.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



CONSTRUCTION

1. New Concrete Median Barrier
2. New Concrete Half Barrier
3. New Curb & Gutter
4.
5.
6.
7. New R/W Fence
8.
9.
10.

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

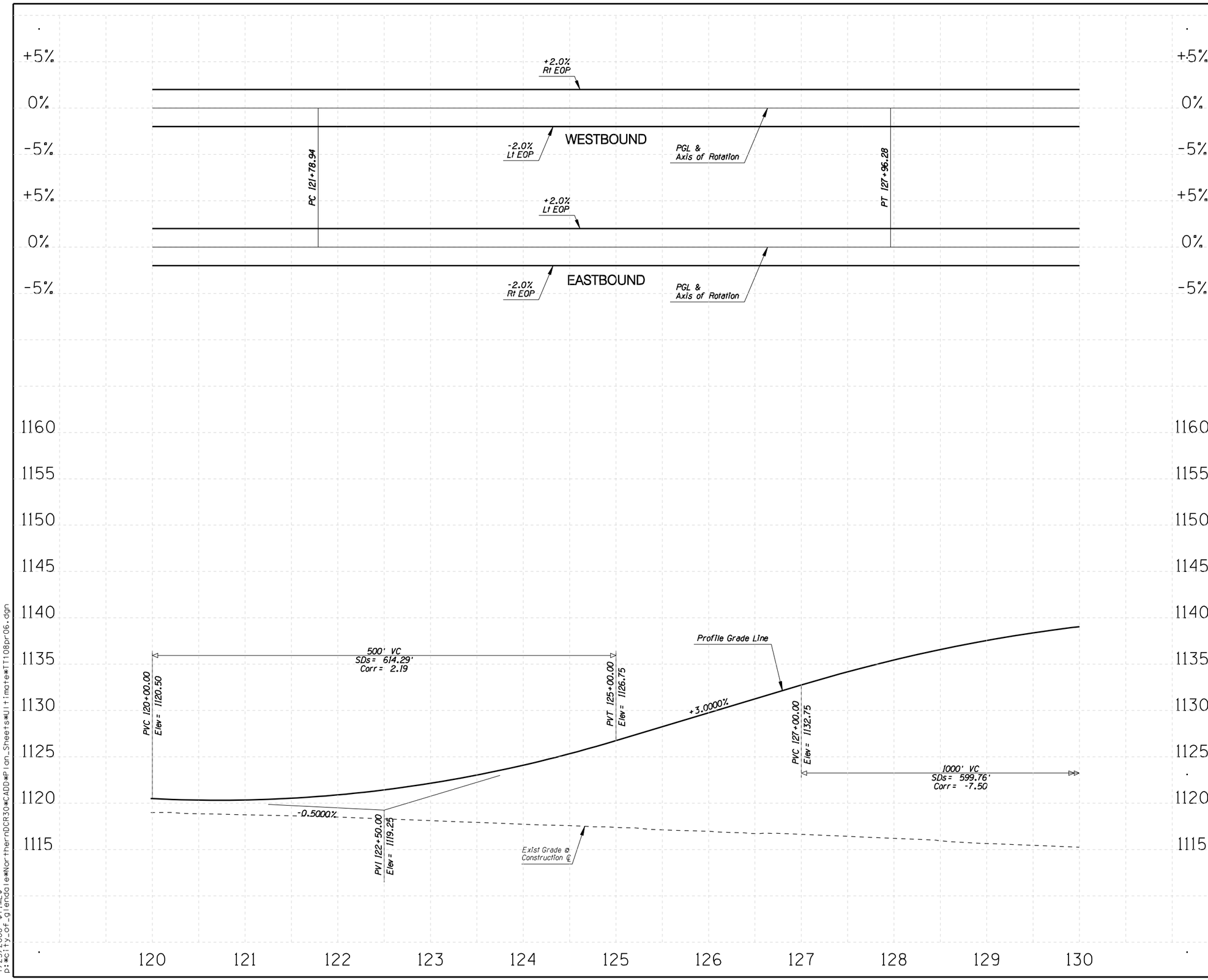
PAVING PLAN SHEET
STA 120+00 TO STA 130+00

SHEET P9

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p106.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 120+00 TO STA 130+00

SHEET P10

TRACS NO. 0000 MA MMA SS593 01C

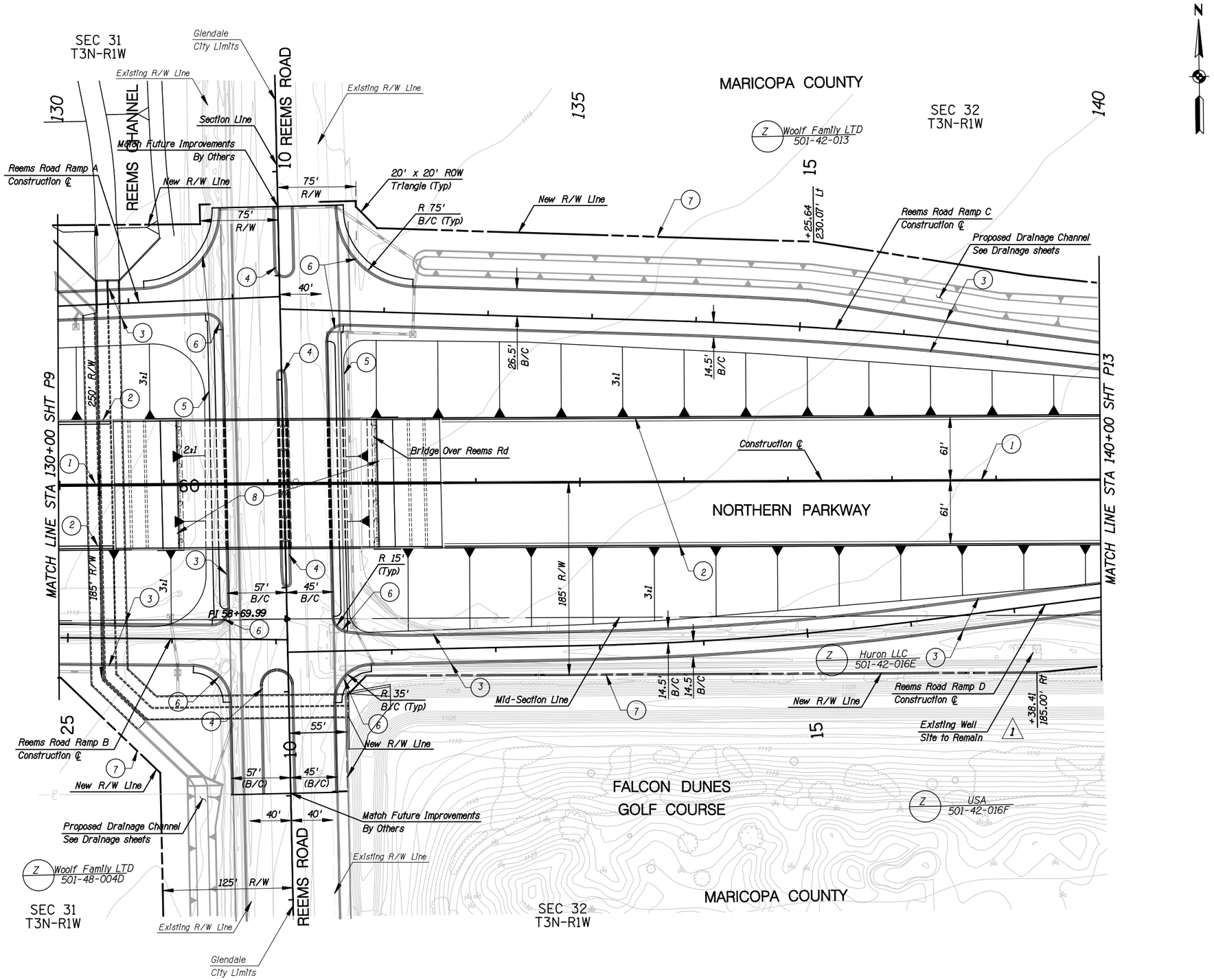
1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr06.dgn

English

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

☐ **REMOVAL /RELOCATE** ☐

1



CONSTRUCTION

1. New Concrete Median Barrier
2. New Concrete Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7. New R/W Fence
8. New Bridge
9.
10.

NO.	REVISION	BY	DATE
3			
2			
1	Note Added	RWM	4/26/10

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

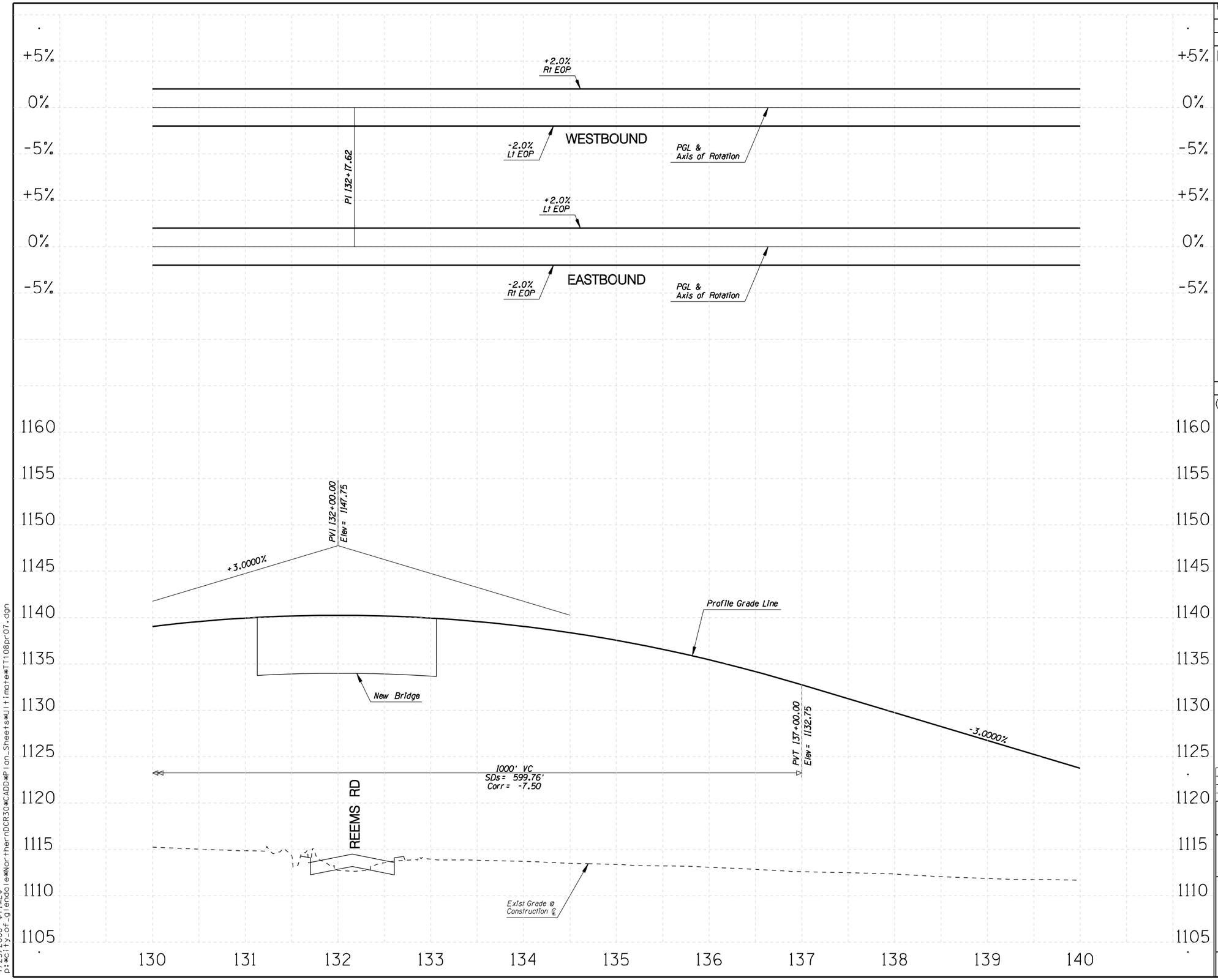
PAVING PLAN SHEET
STA 130+00 TO STA 140+00

SHEET P11

TRACS NO. 0000 MA MMA SS593 01C

McDot Pen Table2_2010.tbl
8/26/2010 $TIME$
P:\City_of_Glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p107.dgn

English



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

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	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 130+00 TO STA 140+00

SHEET
P12

TRACS NO. 0000 MA MMA SS593 01C

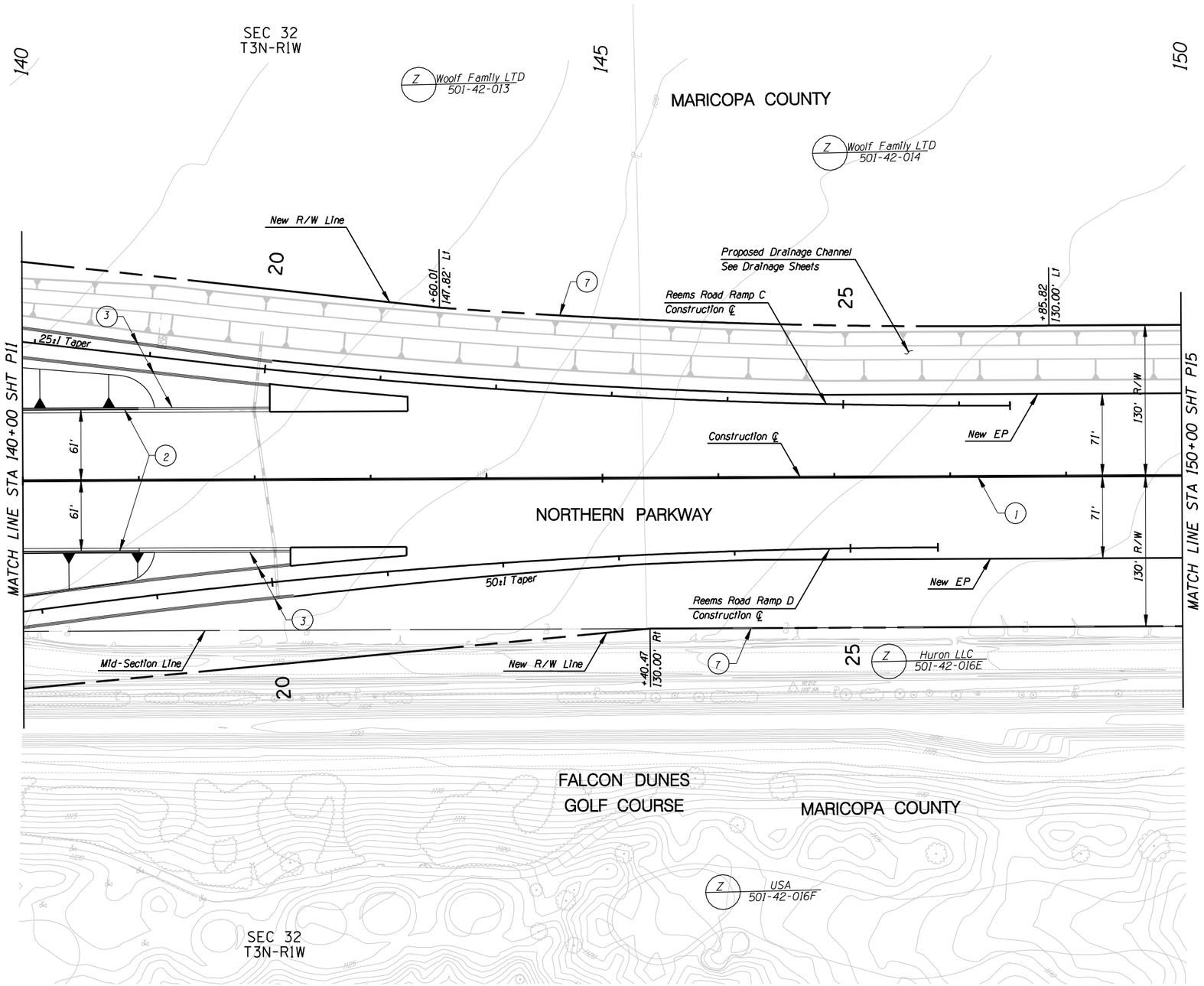
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr07.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



☐ **CONSTRUCTION** ☐

1. New Concrete Median Barrier
2. New Concrete Half Barrier
3. New Curb & Gutter
4.
5.
6.
7. New R/W Fence
8.
9.
10.

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

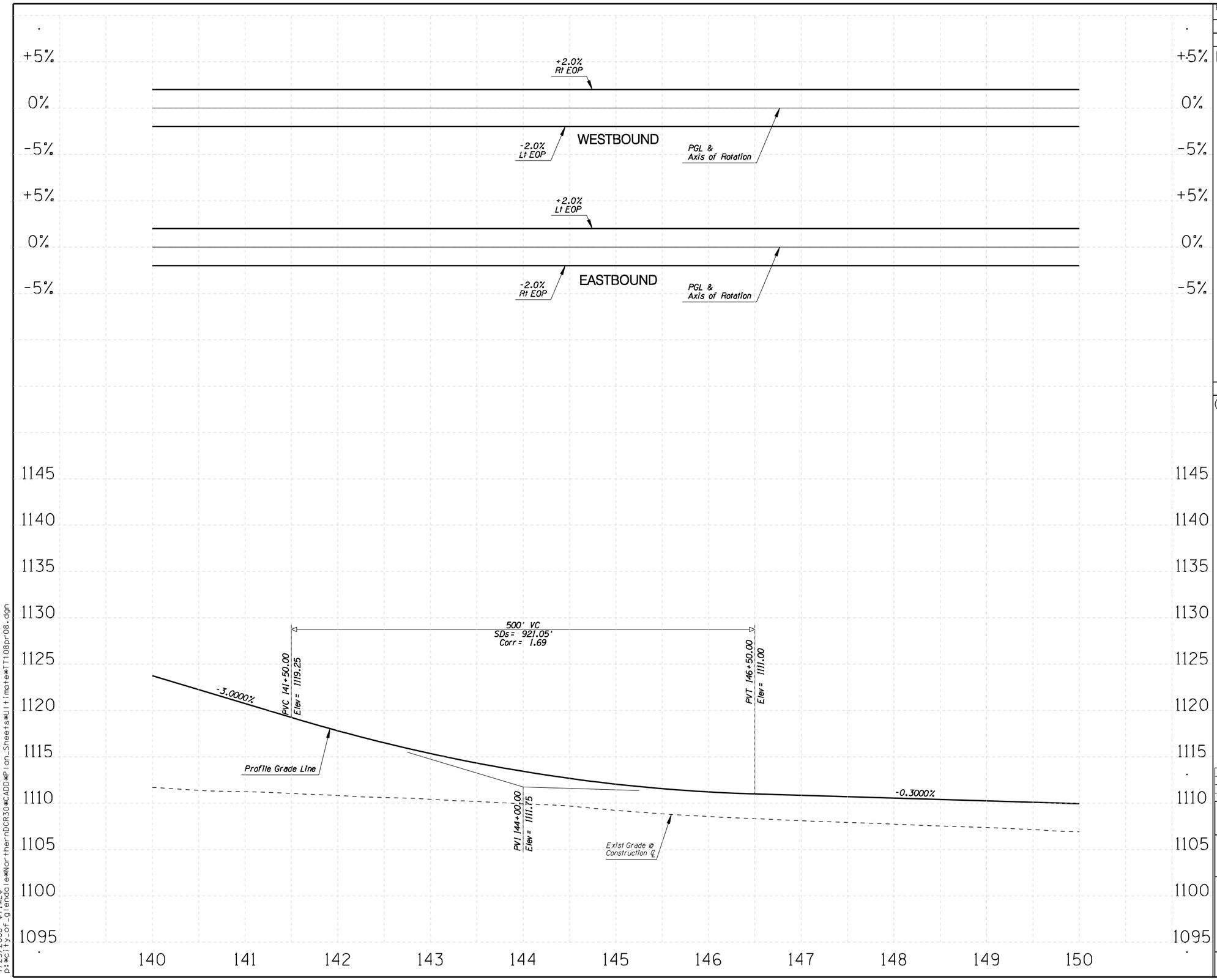
URS

PAVING PLAN SHEET
STA 140+00 TO STA 150+00

SHEET P13

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p108.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 140+00 TO STA 150+00

SHEET P14

TRACS NO. 0000 MA MMA SS593 01C

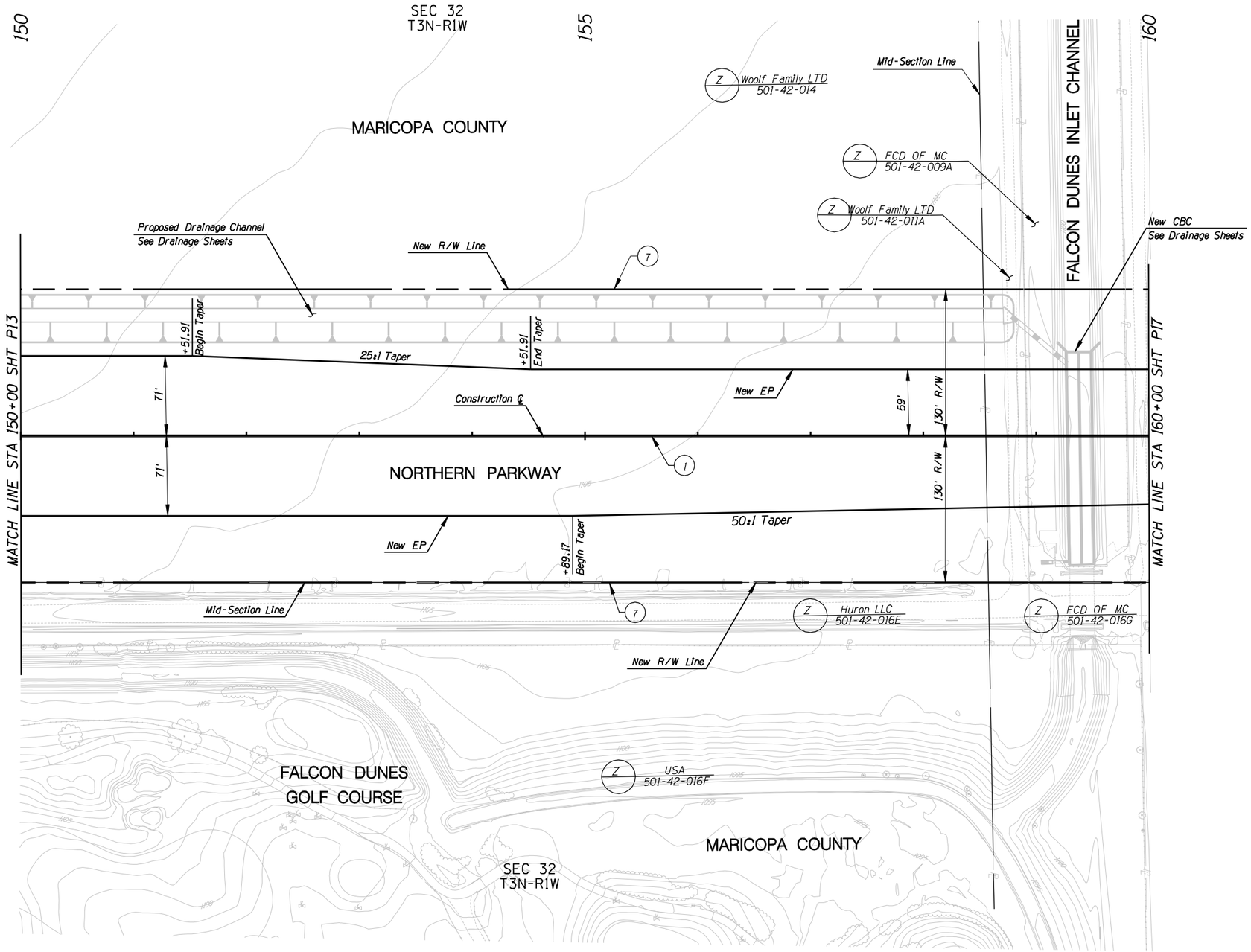
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr08.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



○ **CONSTRUCTION** ○

1. New Concrete Median Barrier
2.
3.
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

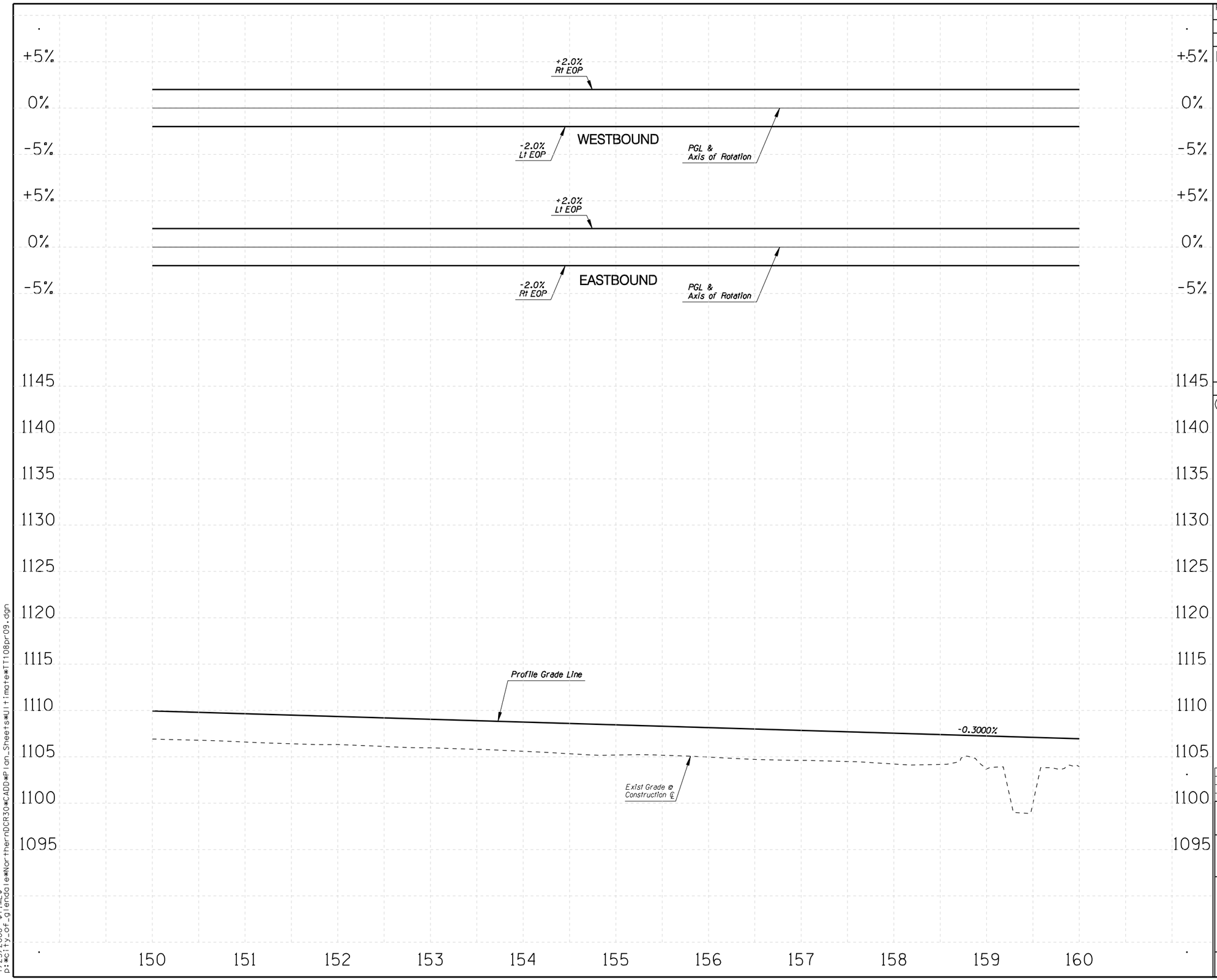
PAVING PLAN SHEET
STA 150+00 TO STA 160+00

SHEET P15

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p109.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

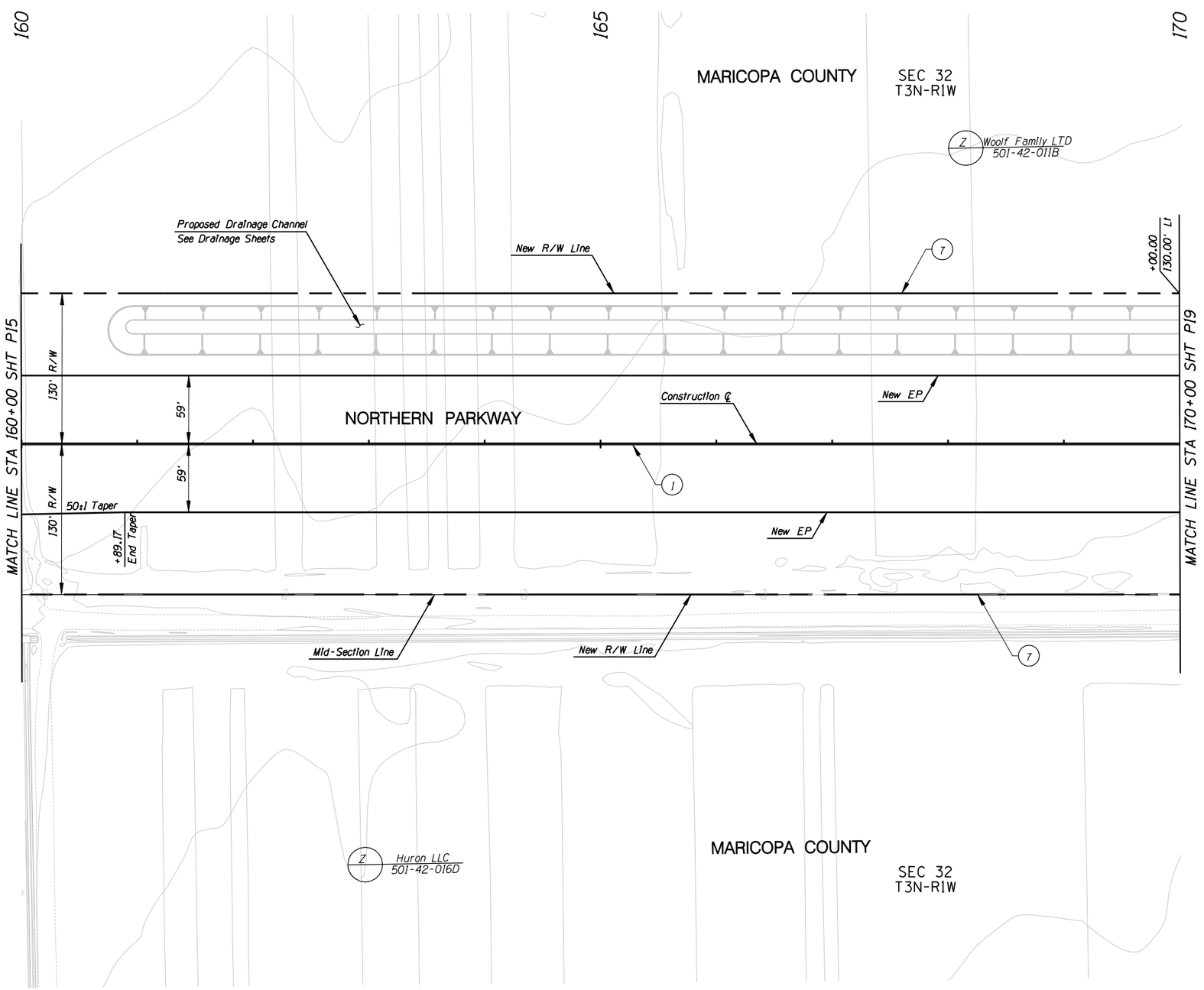
PROFILE SHEET
STA 150+00 TO STA 160+00

SHEET
P16

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr09.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. New Concrete Median Barrier
2.
3.
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

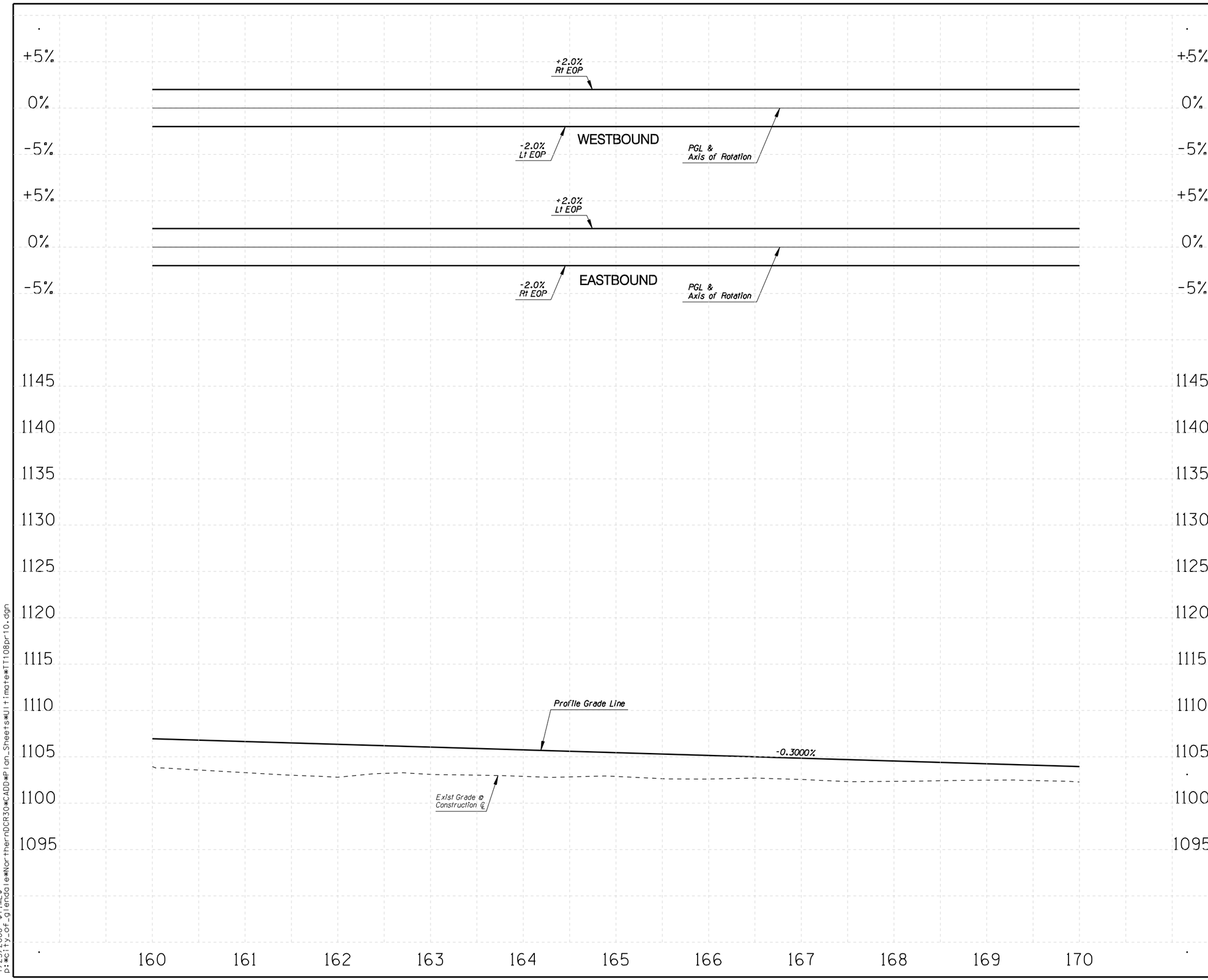
URS

PAVING PLAN SHEET
STA 160+00 TO STA 170+00

SHEET
P17

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p110.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 160+00 TO STA 170+00

SHEET
P18

TRACS NO. 0000 MA MMA SS593 01C

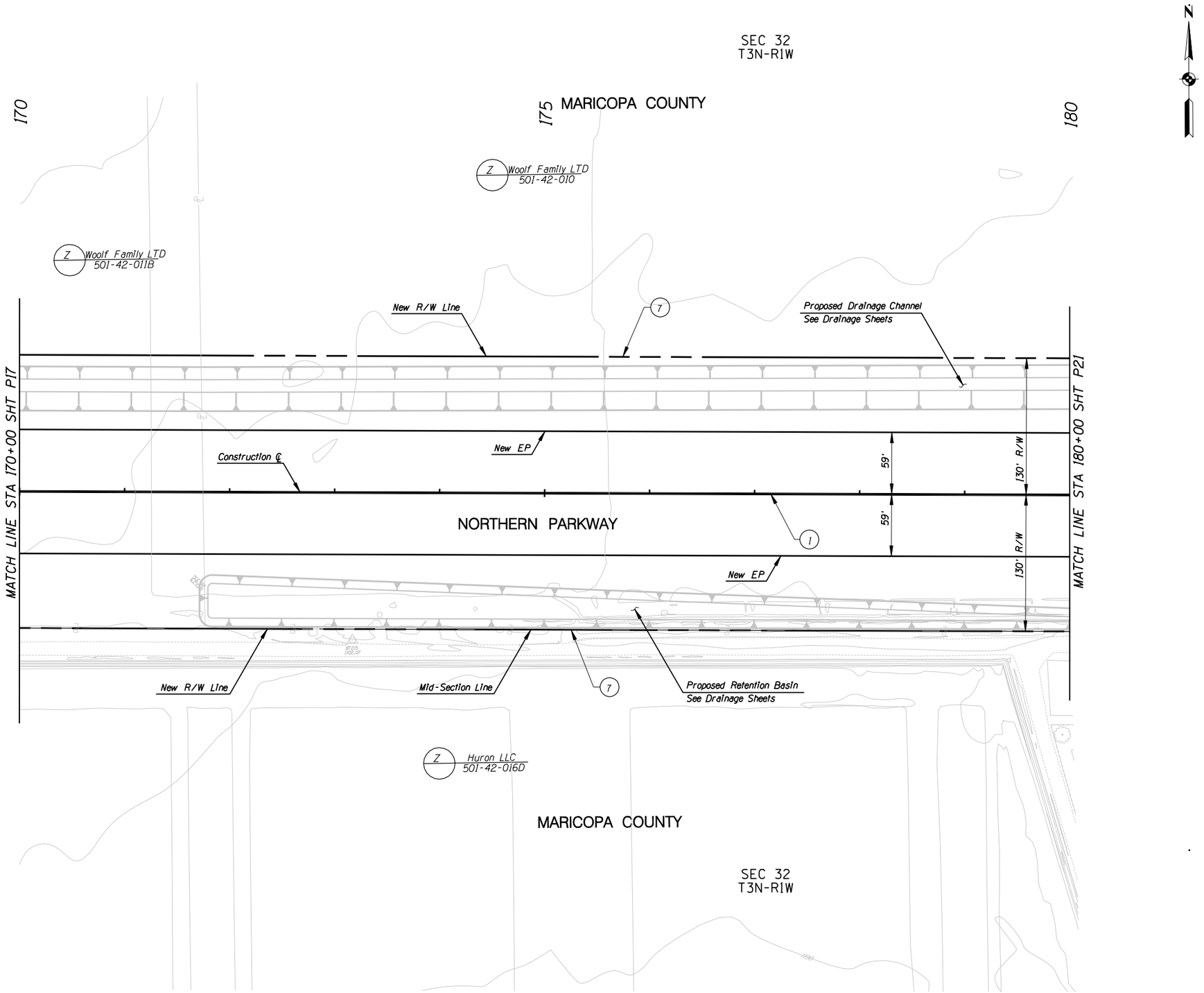
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr10.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



○ **CONSTRUCTION** ○

1. New Concrete Median Barrier
2.
3.
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

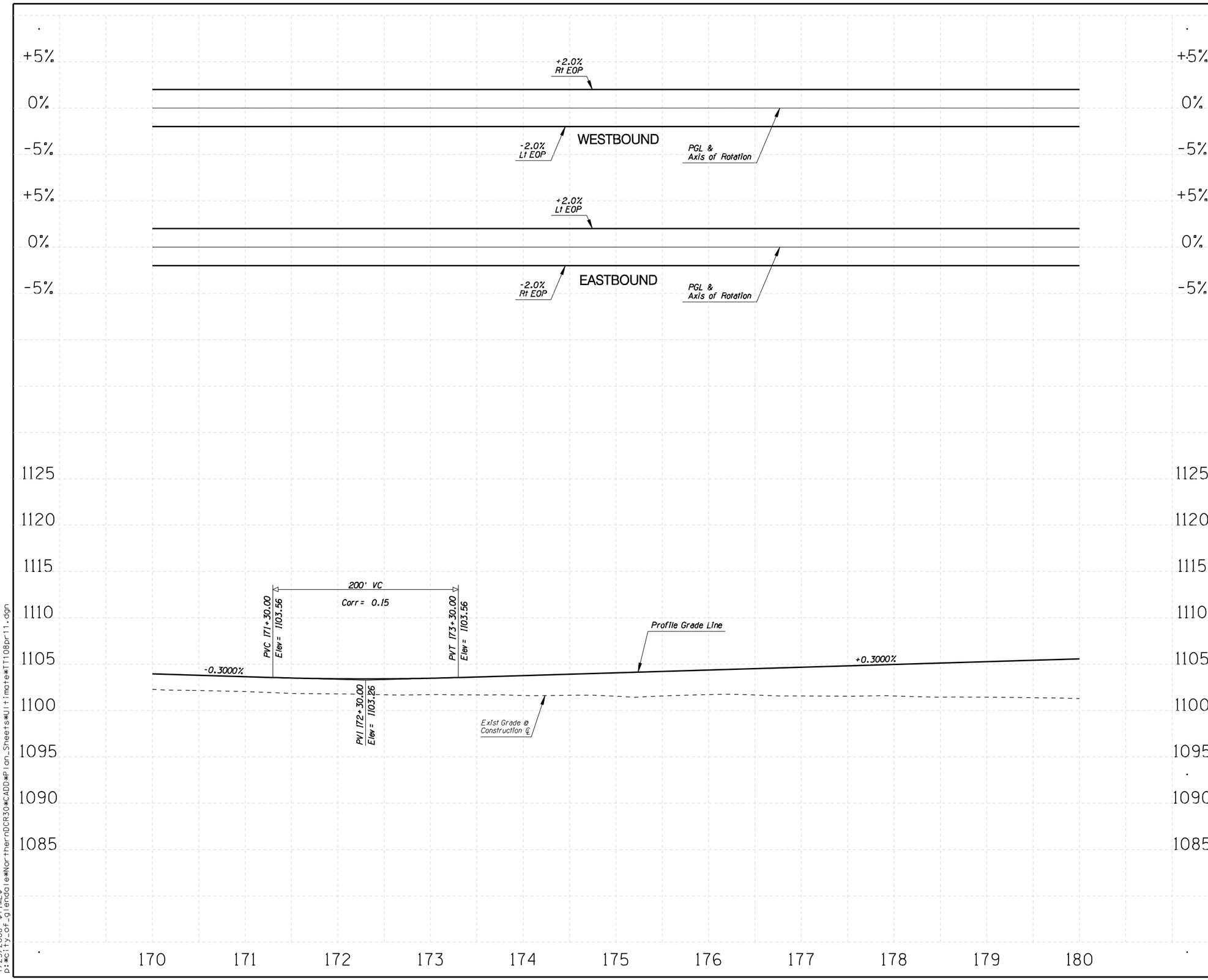
PAVING PLAN SHEET
STA 170+00 TO STA 180+00

SHEET P19

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pl11.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

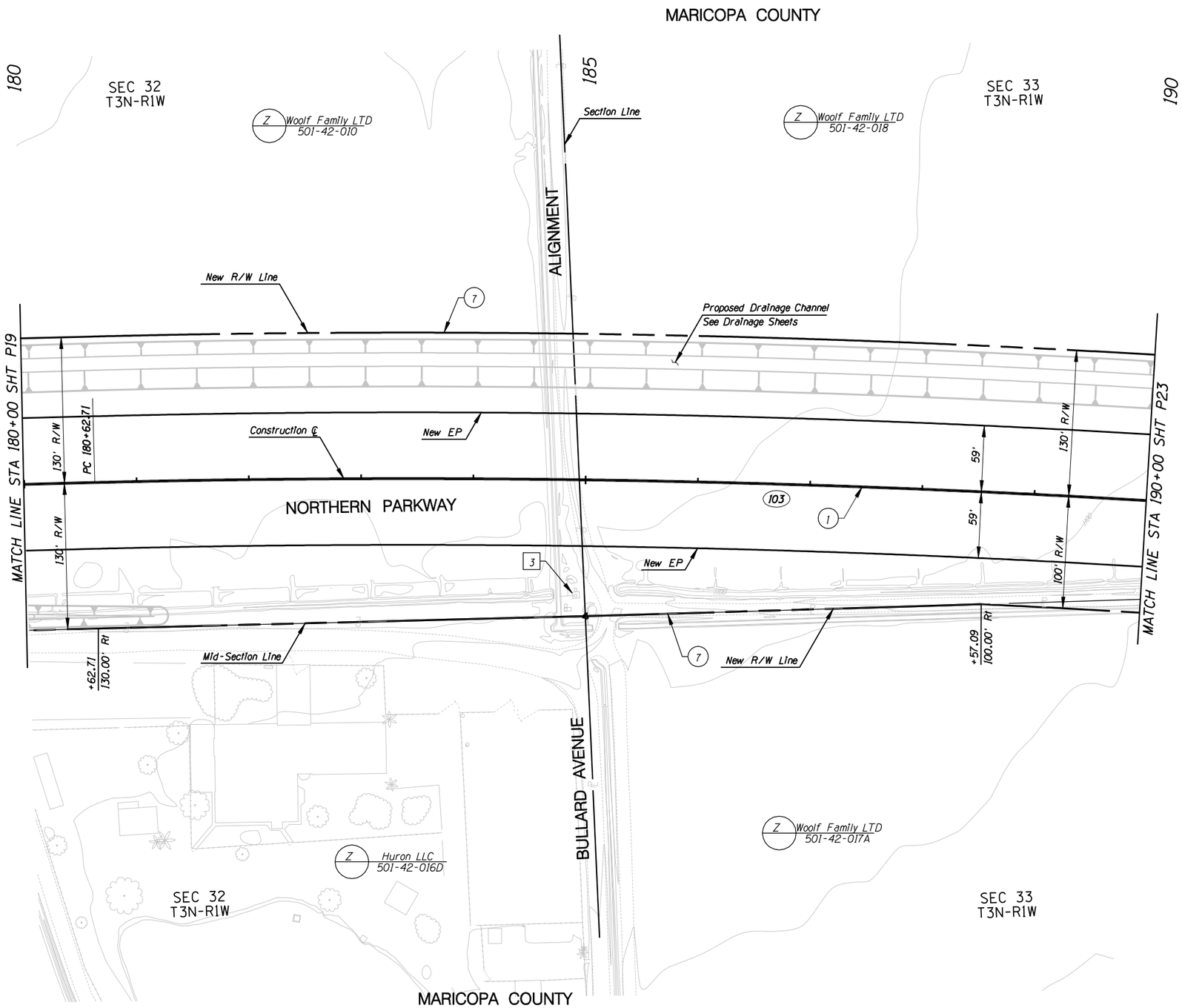
PROFILE SHEET
STA 170+00 TO STA 180+00

SHEET
P20

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr11.dgn



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

REMOVAL /RELOCATE

1
2
3 Relocate Existing Well Site

CONSTRUCTION

1 New Concrete Median Barrier
2
3
4
5
6
7 New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

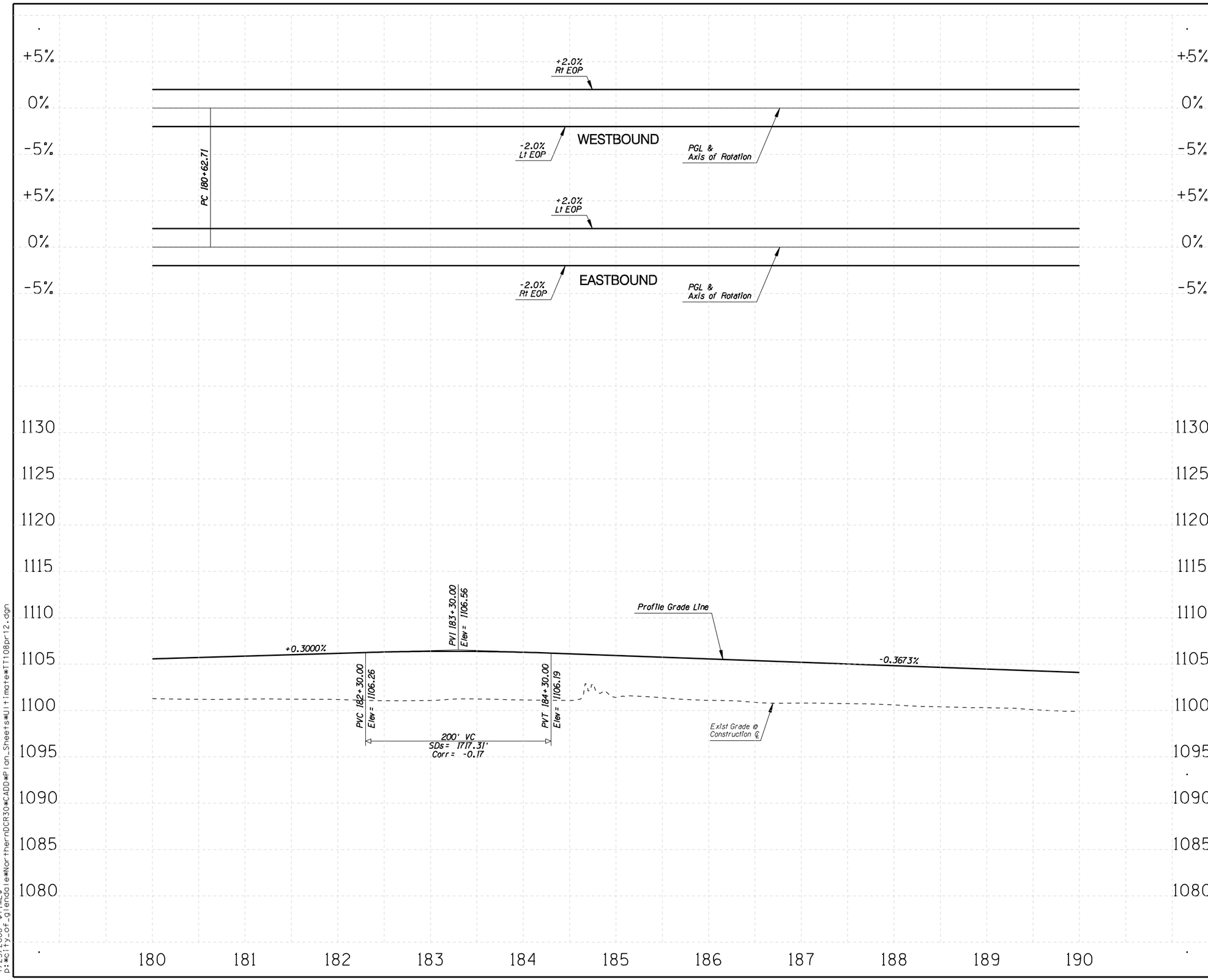
URS

PAVING PLAN SHEET
STA 180+00 TO STA 190+00

SHEET P21

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pl12.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 180+00 TO STA 190+00

SHEET
P22

TRACS NO. 0000 MA MMA SS593 01C

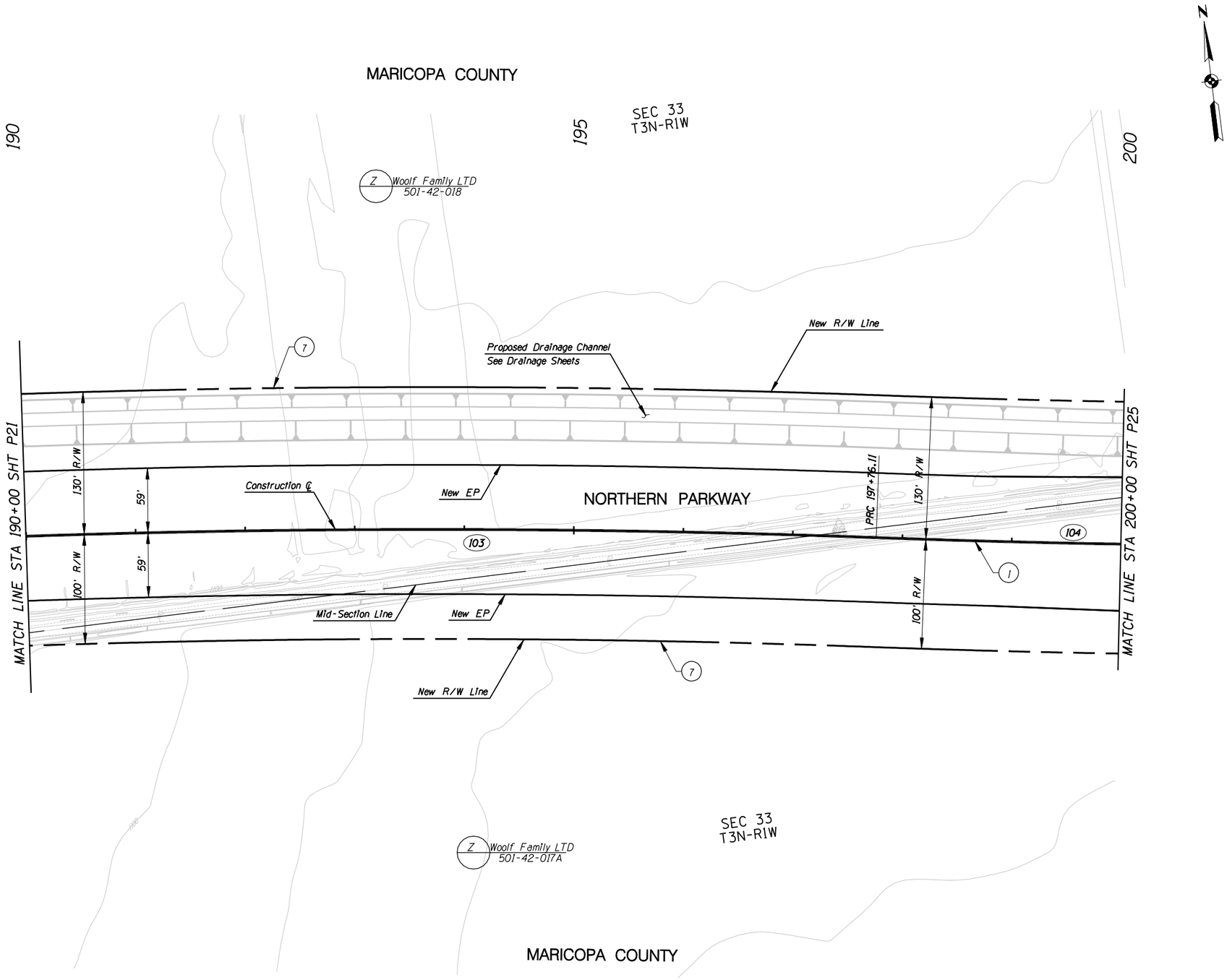
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr12.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



CONSTRUCTION

1. New Concrete Median Barrier
2.
3.
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

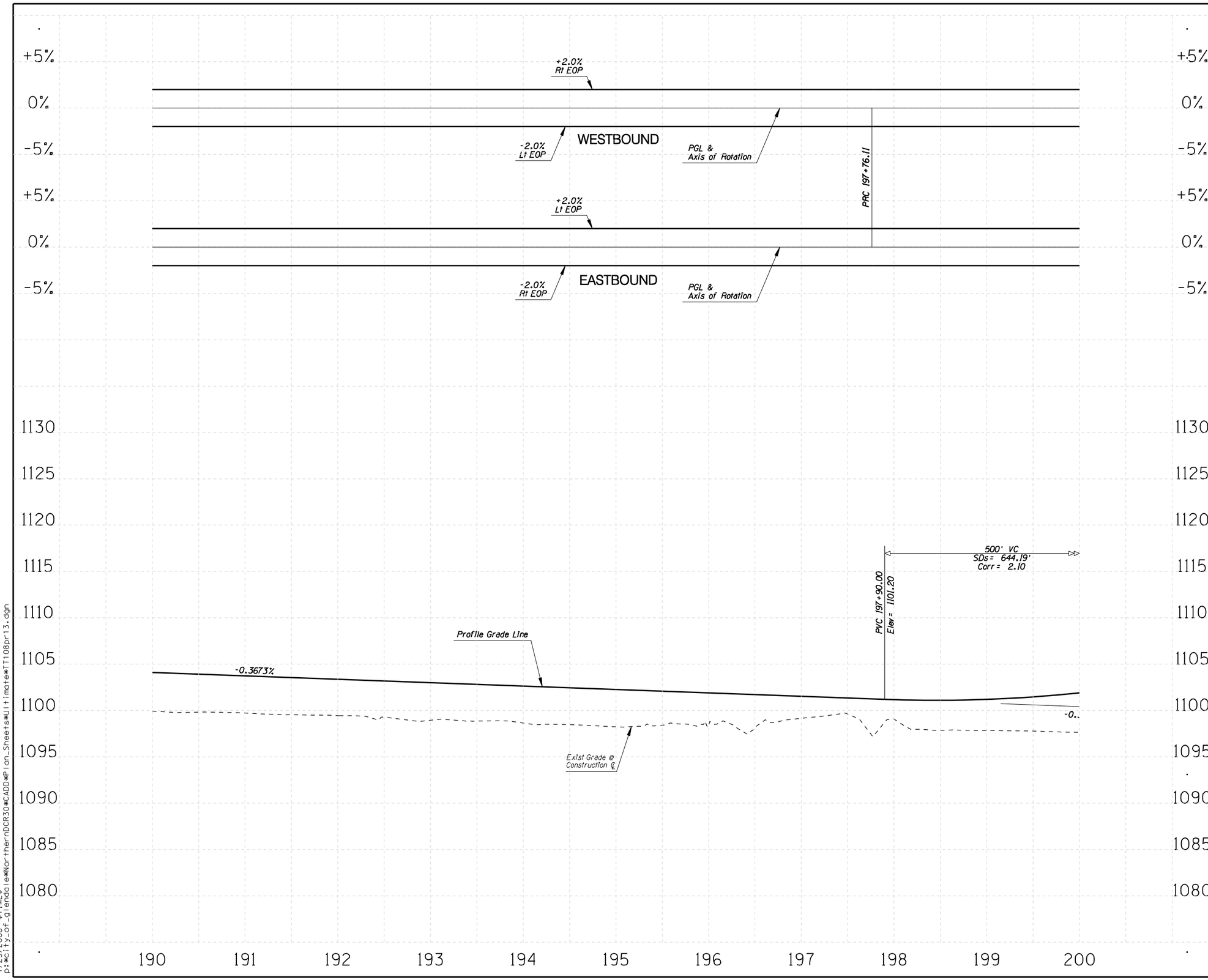
PAVING PLAN SHEET
STA 190+00 TO STA 200+00

SHEET P23

TRACS NO. 0000 MA MMA SS593 OIC

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p113.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 190+00 TO STA 200+00

SHEET P24

TRACS NO. 0000 MA MMA SS593 01C

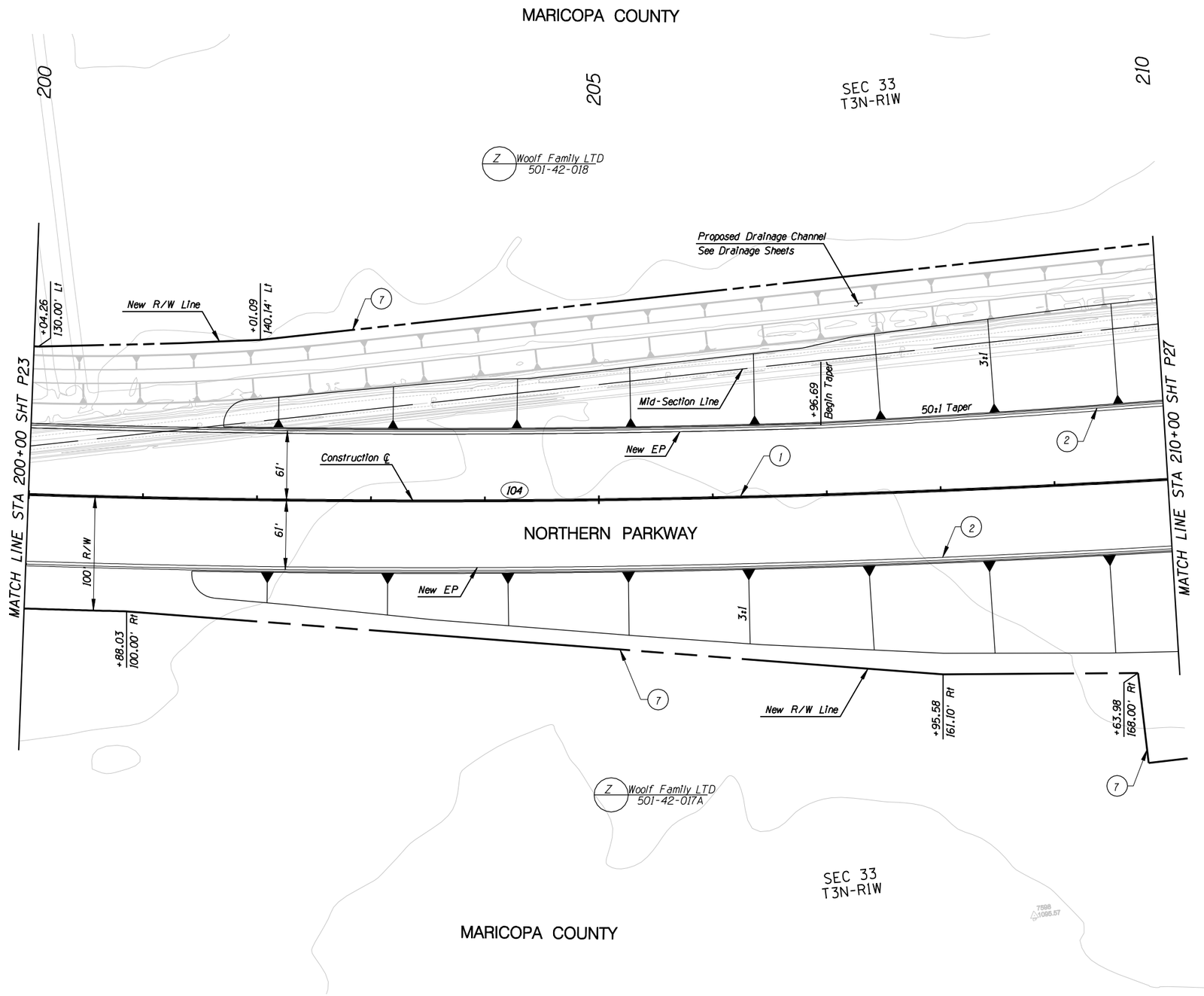
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr13.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



CONSTRUCTION

1. New Concrete Median Barrier
2. New Concrete Half-Barrier
3.
4.
5.
6.
7. New R/W Fence

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

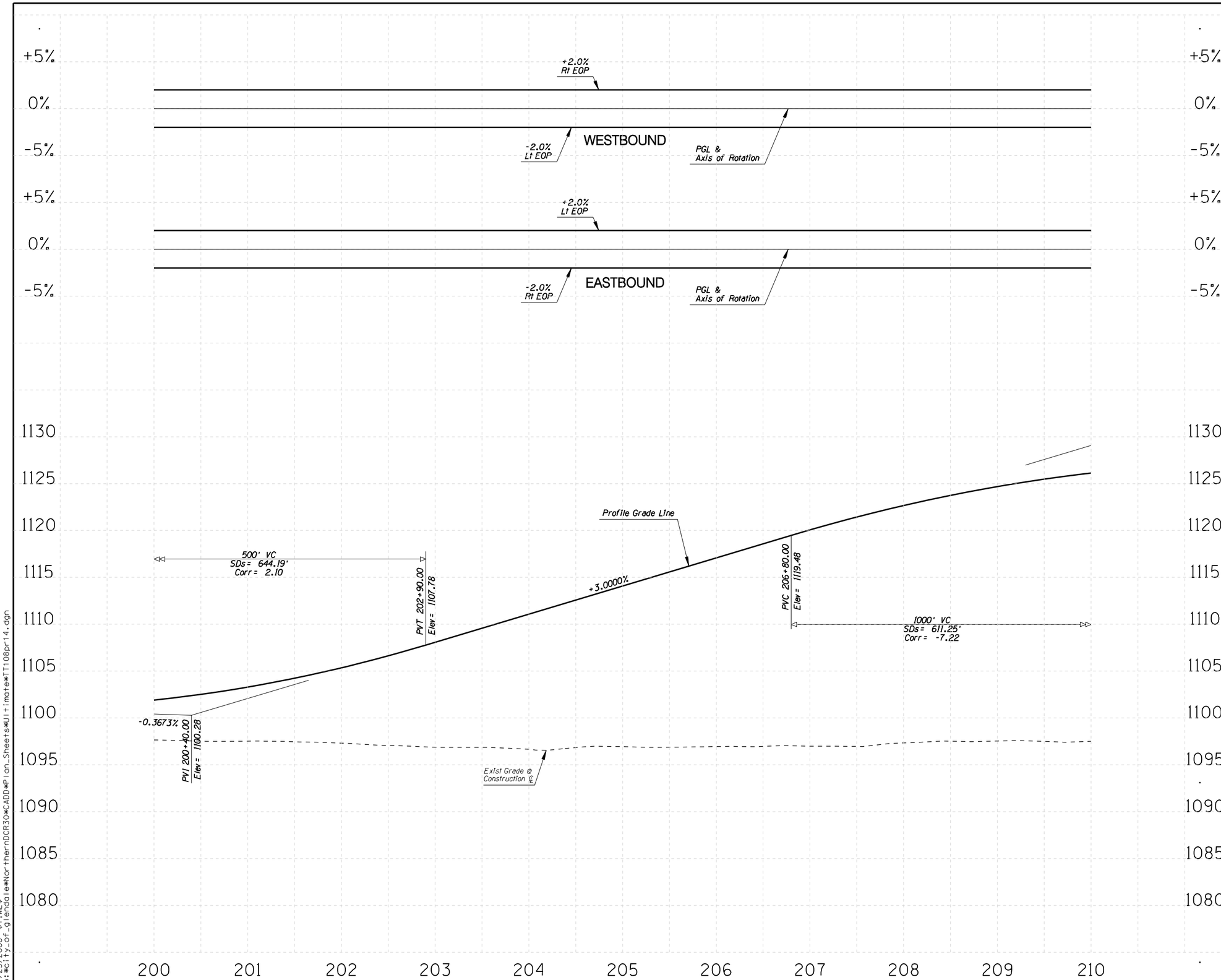
PAVING PLAN SHEET
STA 200+00 TO STA 210+00

SHEET
P25

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p114.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

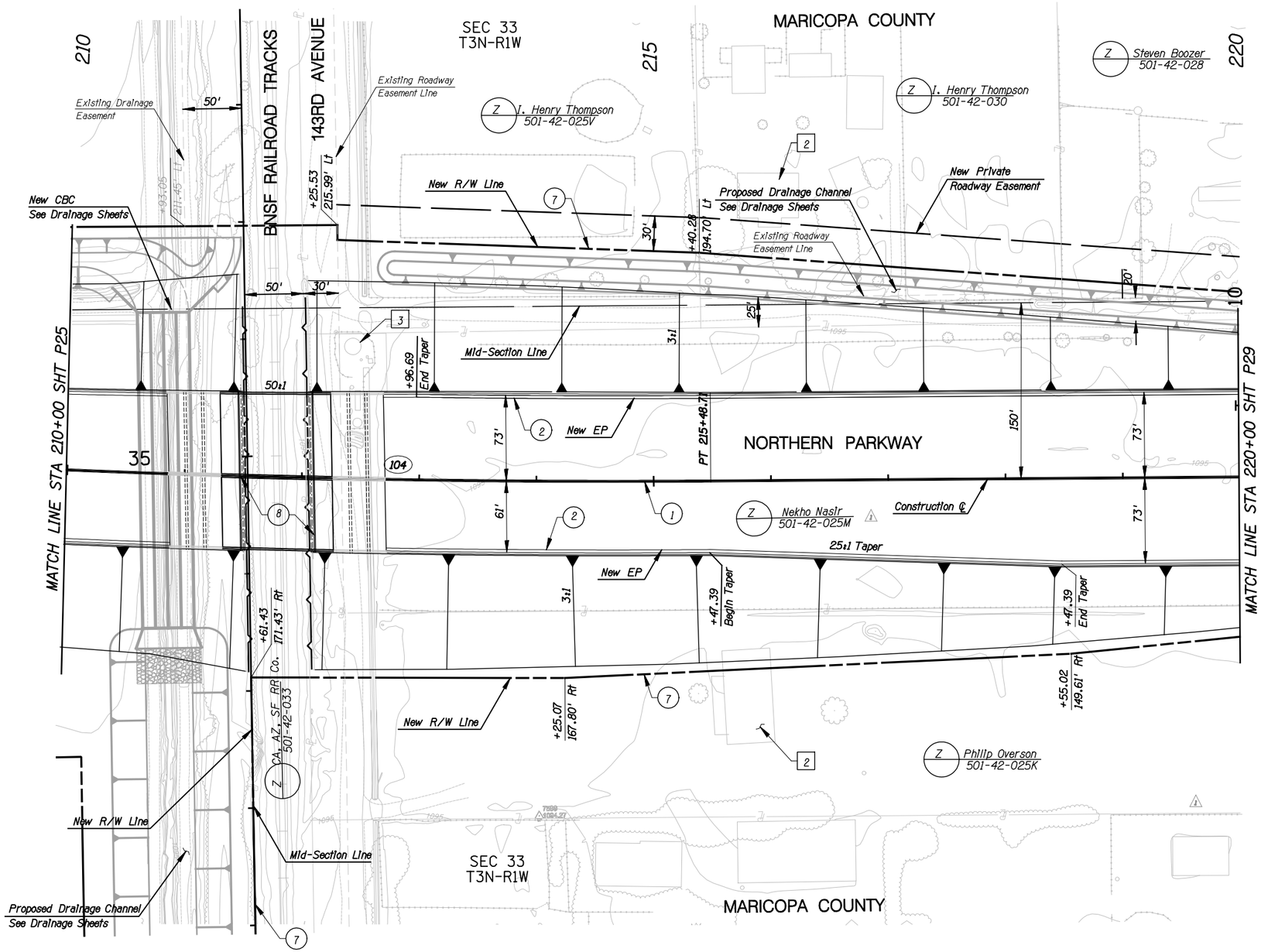
PROFILE SHEET
STA 200+00 TO STA 210+00

SHEET P26

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr14.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1
2 Remove Bldg
3 Relocate Existing Water Well

◯ **CONSTRUCTION** ◯

1 New Concrete Median Barrier
2 New Concrete Half-Barrier
3
4
5
6
7 New R/W Fence
8 New Bridge

NO.	REVISION	BY	DATE
3			
2			
1	Add Property Owner & Name	RWM	4/26/10

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

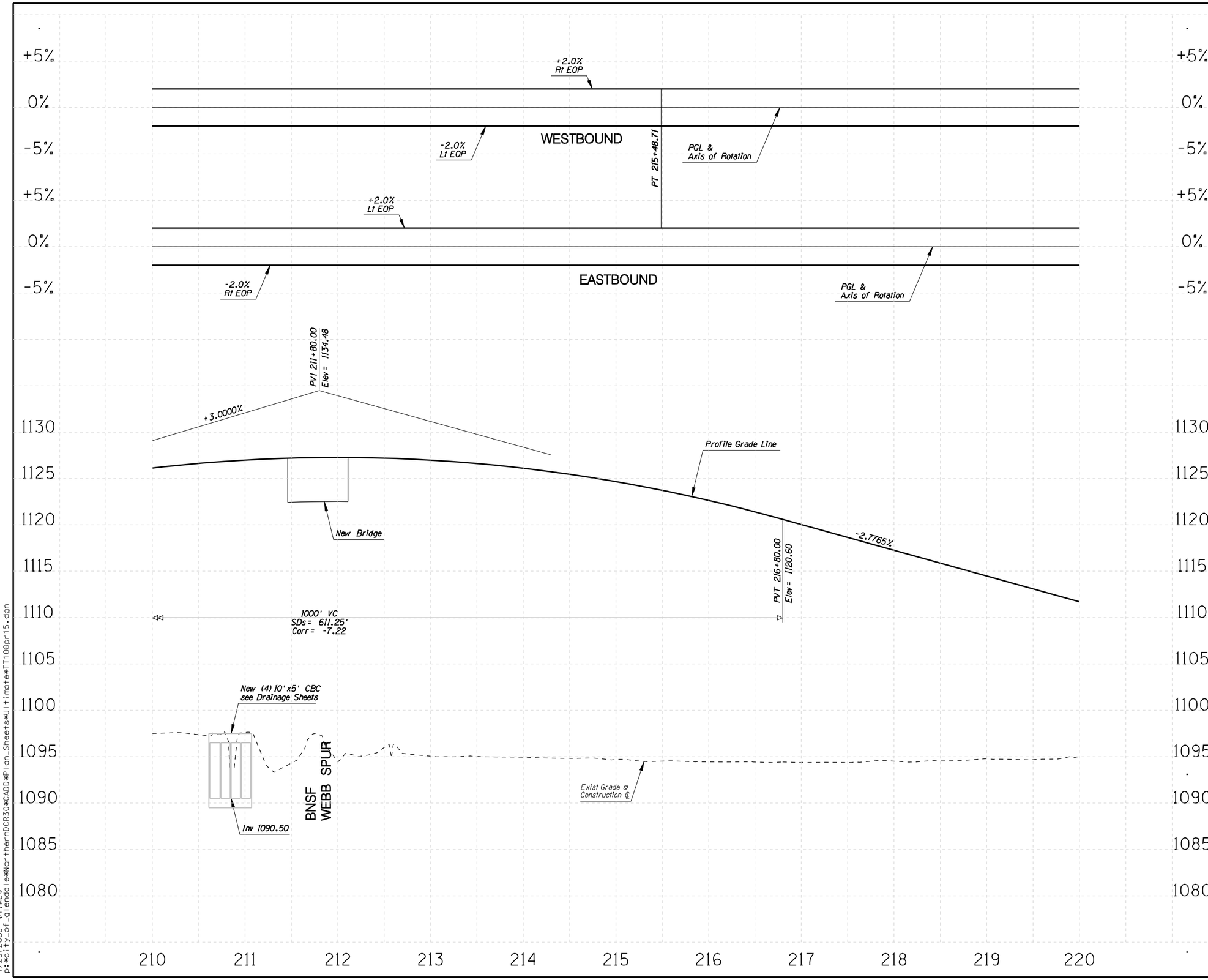
PAVING PLAN SHEET
STA 210+00 TO STA 220+00

SHEET P27

TRACS NO. 0000 MA MMA SS593 01C

English

McDot Pen Table2_2010.tbl
8/26/2010 $TIME$
P:\City_of_Glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p115.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 210+00 TO STA 220+00

SHEET
P28

TRACS NO. 0000 MA MMA SS593 01C

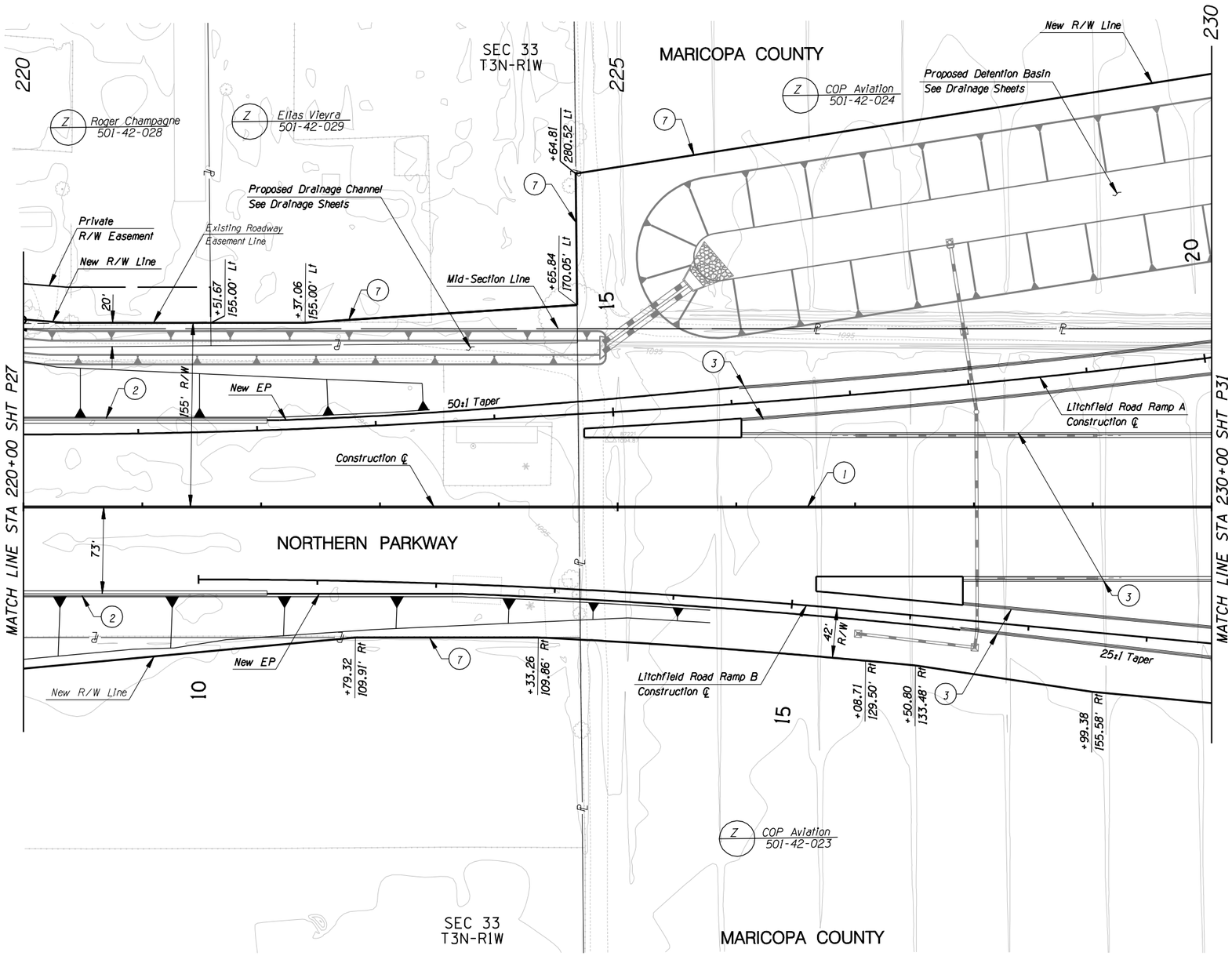
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr15.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



☐ **CONSTRUCTION** ☐

1. New Concrete Median Barrier
2. New Concrete Half Barrier
3. New Curb & Gutter
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

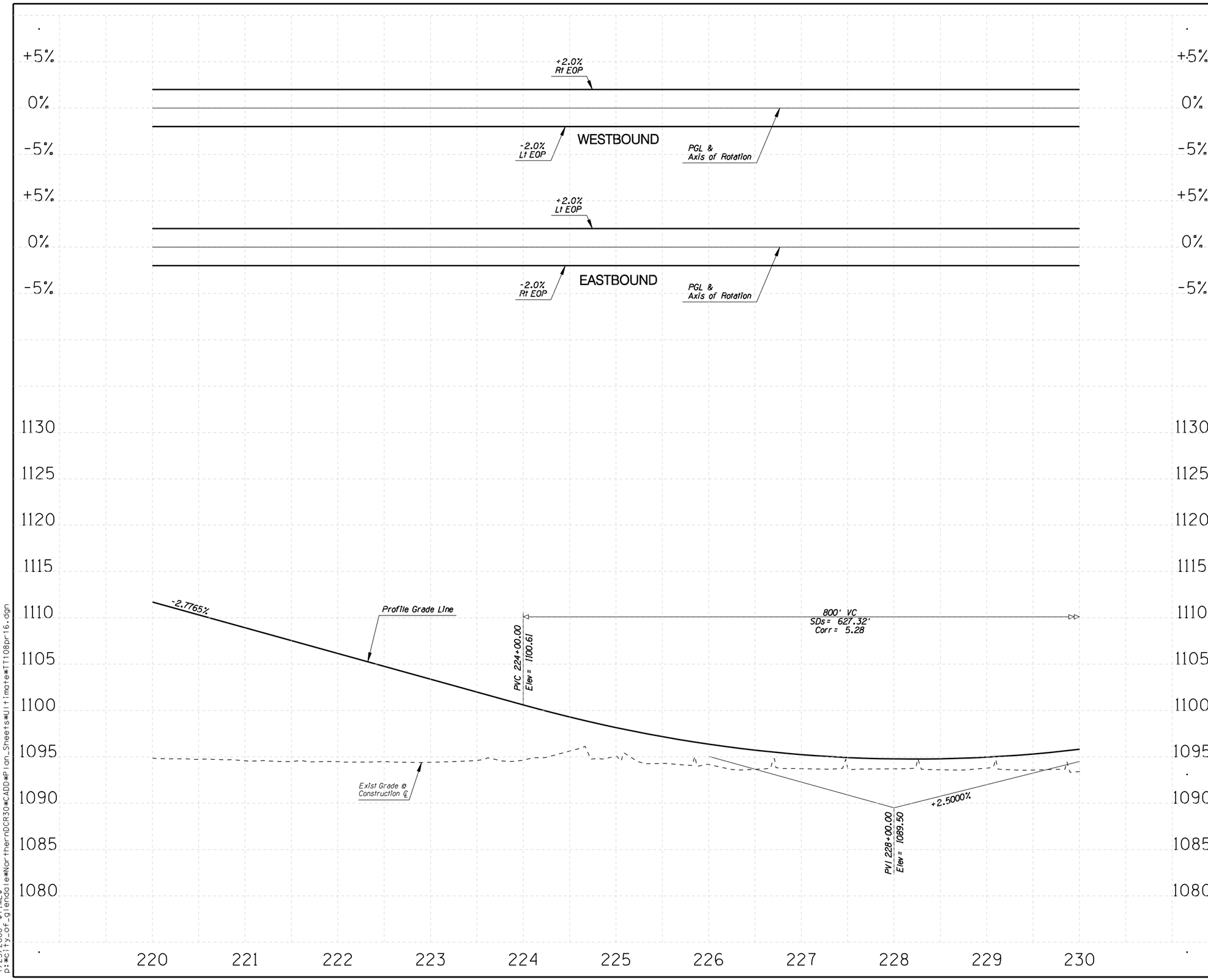
PAVING PLAN SHEET
STA 220+00 TO STA 230+00

SHEET P29

TRACS NO. 0000 MA MMA SS593 OIC

English

5/27/2009 $TIME$
p:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\T108p116.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

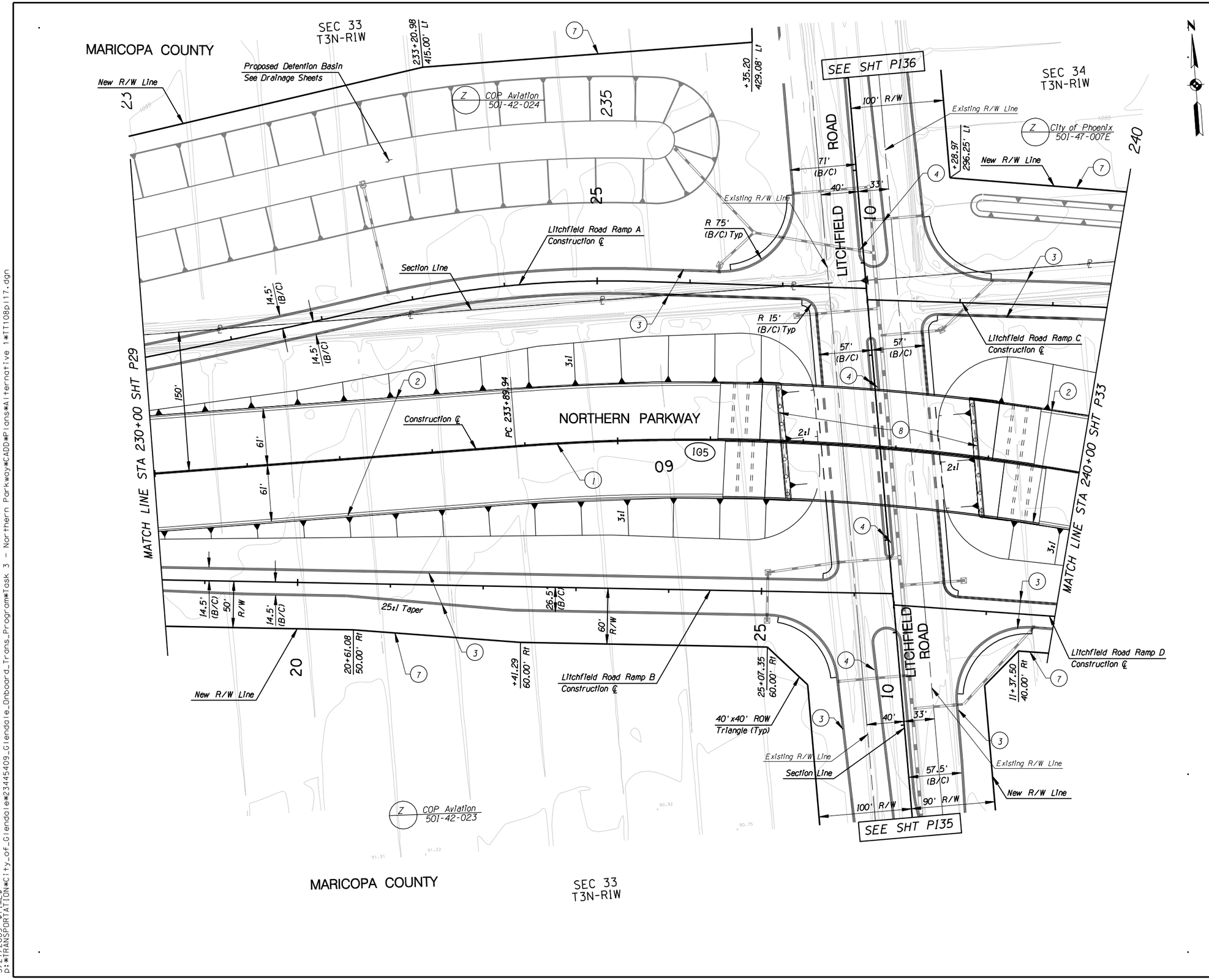
PROFILE SHEET
STA 220+00 TO STA 230+00

SHEET P30

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr16.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

CONSTRUCTION

1. New Concrete Median Barrier
2. New Concrete Half Barrier
3. New Curb & Gutter
4. New Median Curb
5.
6.
7. New R/W Fence
8. New Bridge

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

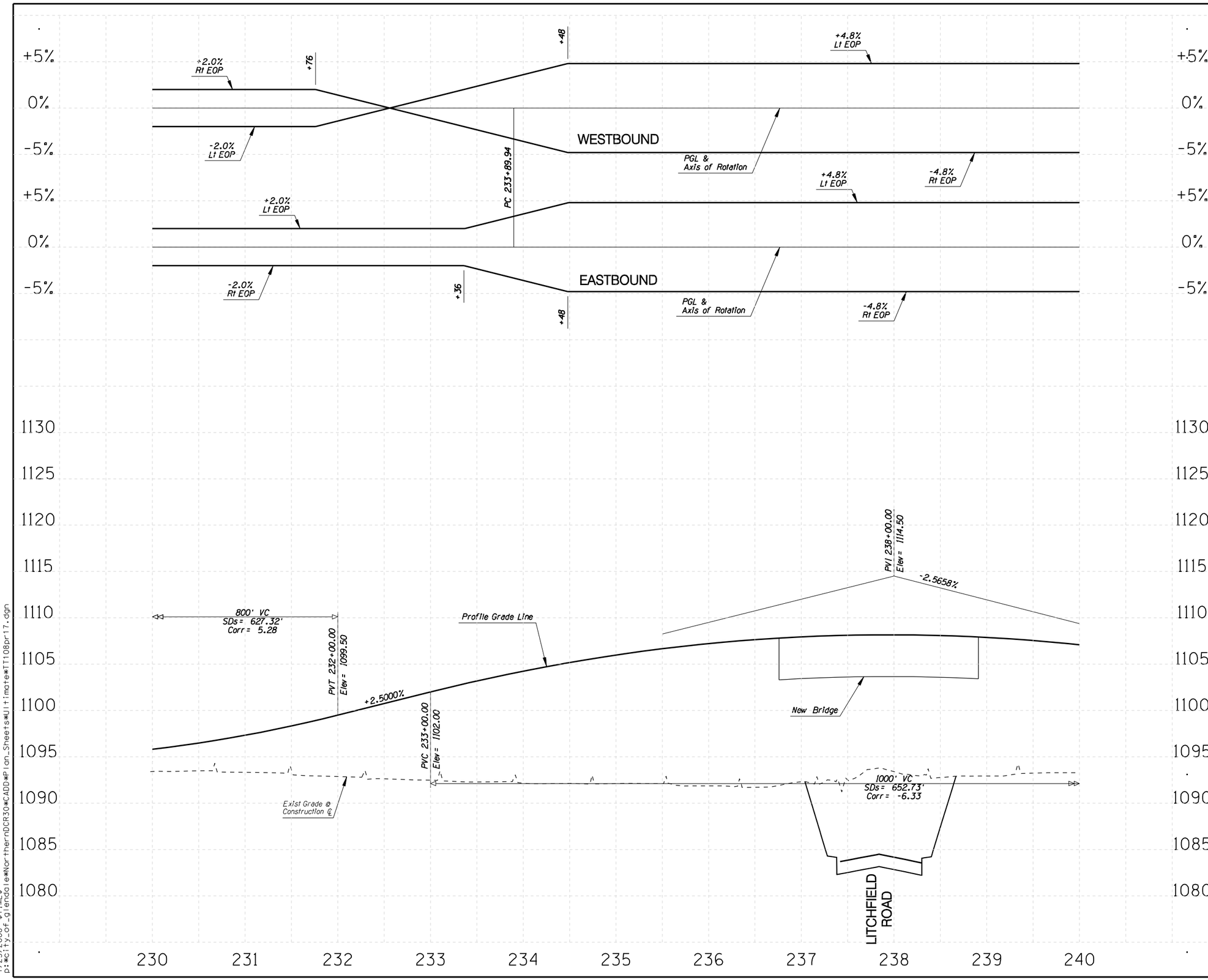
PAVING PLAN SHEET
STA 230+00 TO STA 240+00

SHEET
P31

TRACS NO. 0000 MA MMA SS593 01C

English

5/27/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*T1108p117.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

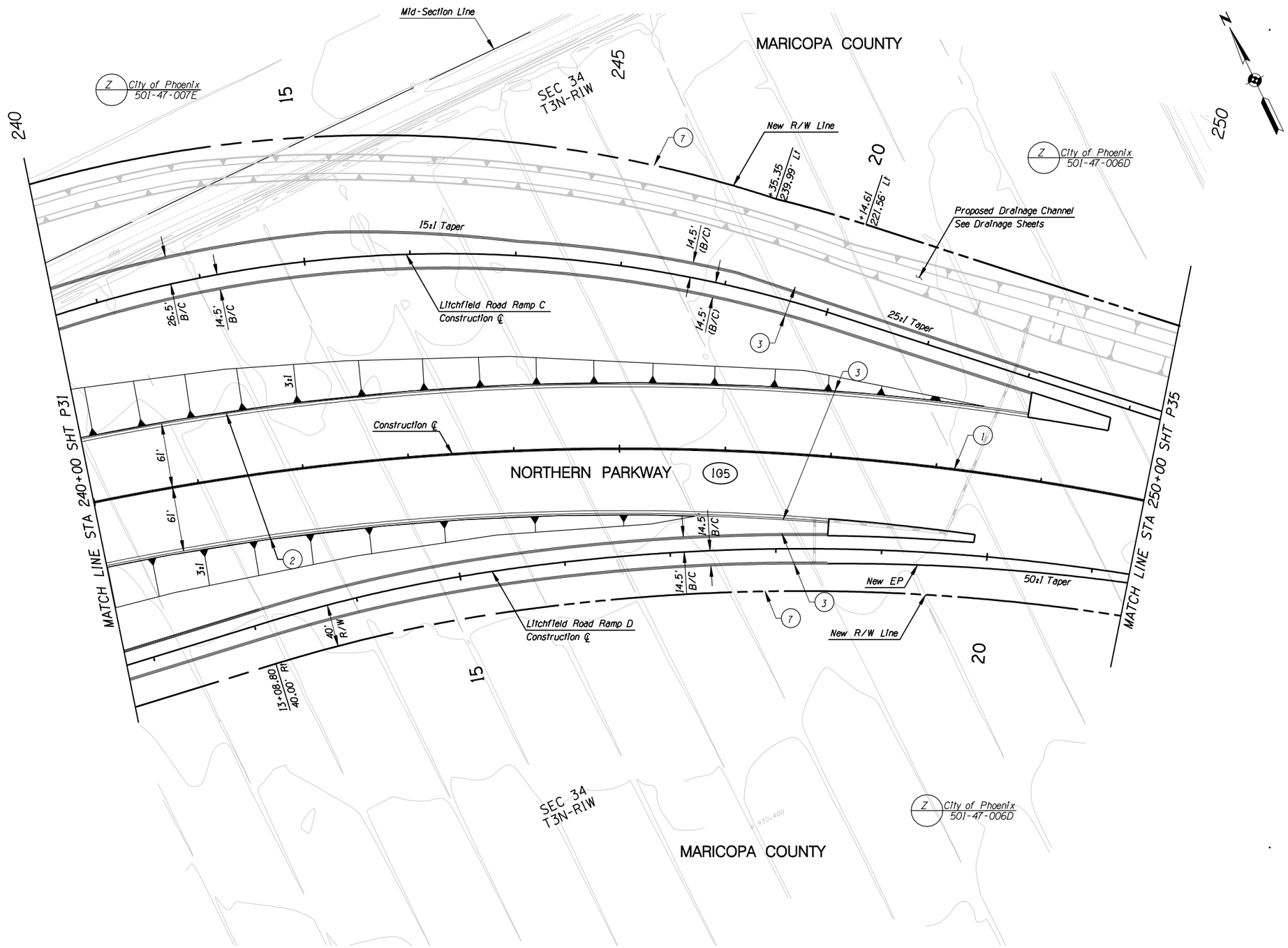
PROFILE SHEET
STA 230+00 TO STA 240+00

SHEET P32

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr17.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1. New Concrete Median Barrier
2. New Concrete Half Barrier
3. New Curb & Gutter
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

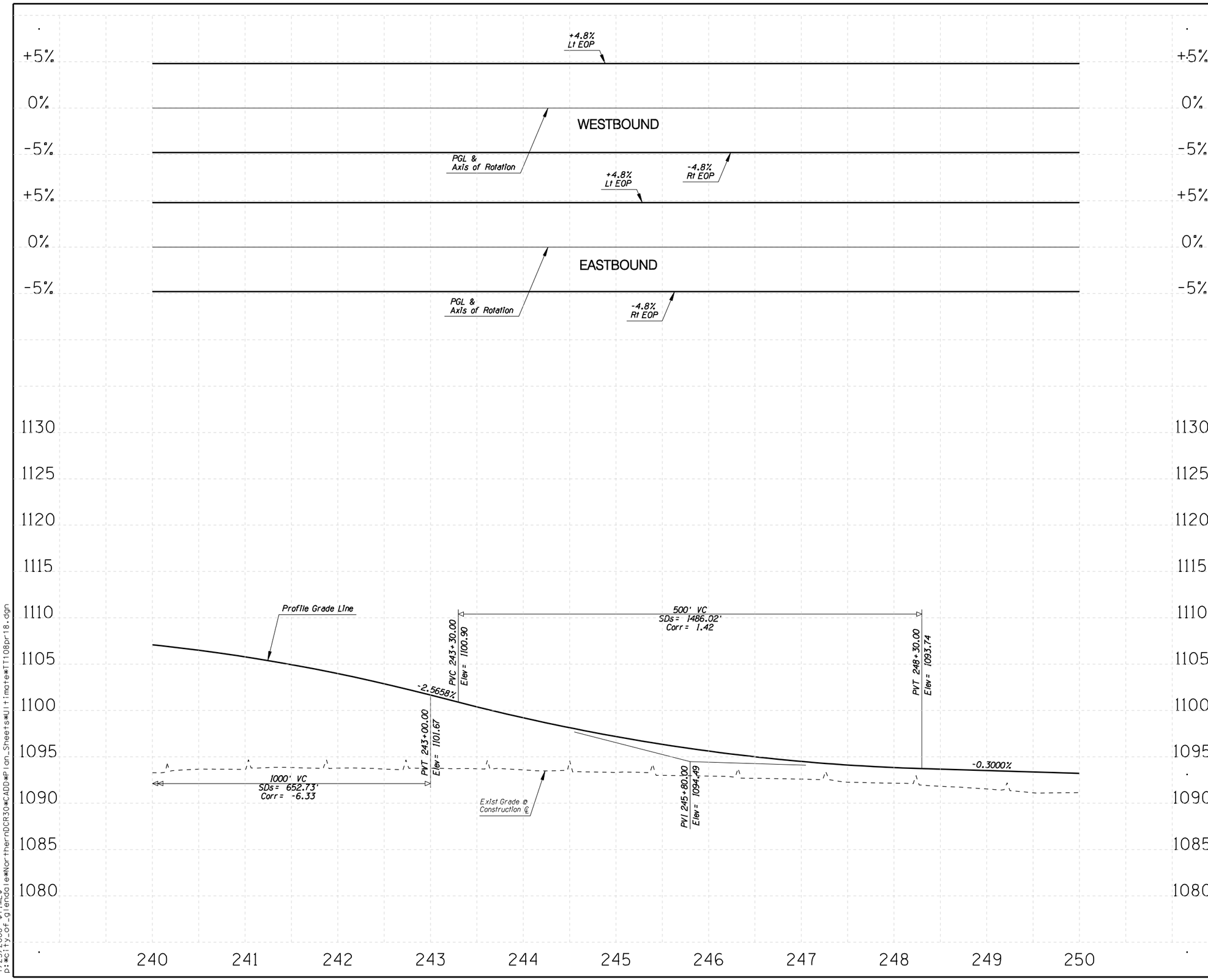
PAVING PLAN SHEET
STA 240+00 TO STA 250+00

SHEET P33

TRACS NO. 0000 MA MMA SS593 OIC

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p118.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 240+00 TO STA 250+00

SHEET
P34

TRACS NO. 0000 MA MMA SS593 01C

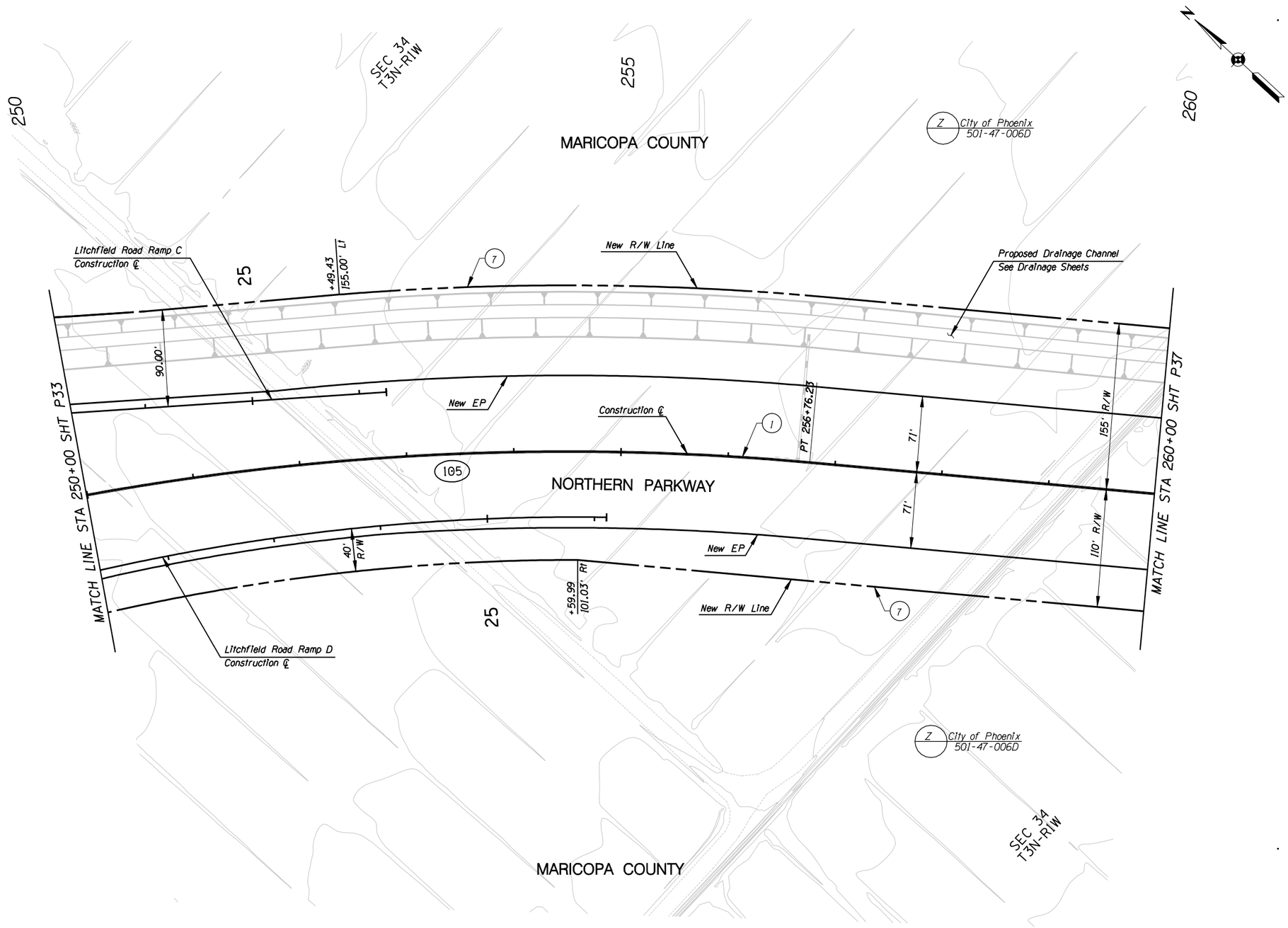
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr18.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



☐ **CONSTRUCTION** ☐

1. New Median Barrier
2.
3.
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

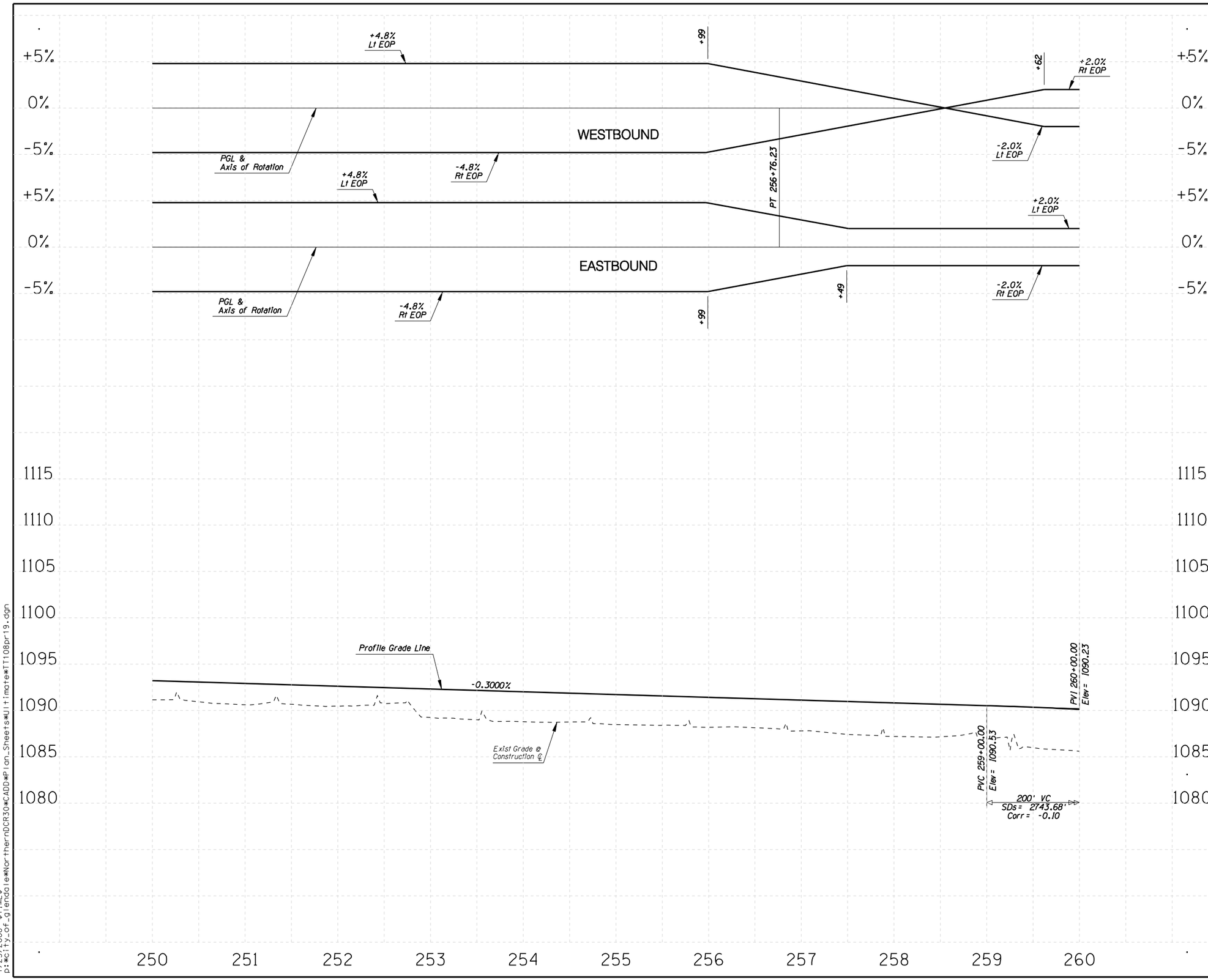
PAVING PLAN SHEET
STA 250+00 TO STA 260+00

SHEET P35

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p119.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 250+00 TO STA 260+00

SHEET
P36

TRACS NO. 0000 MA MMA SS593 01C

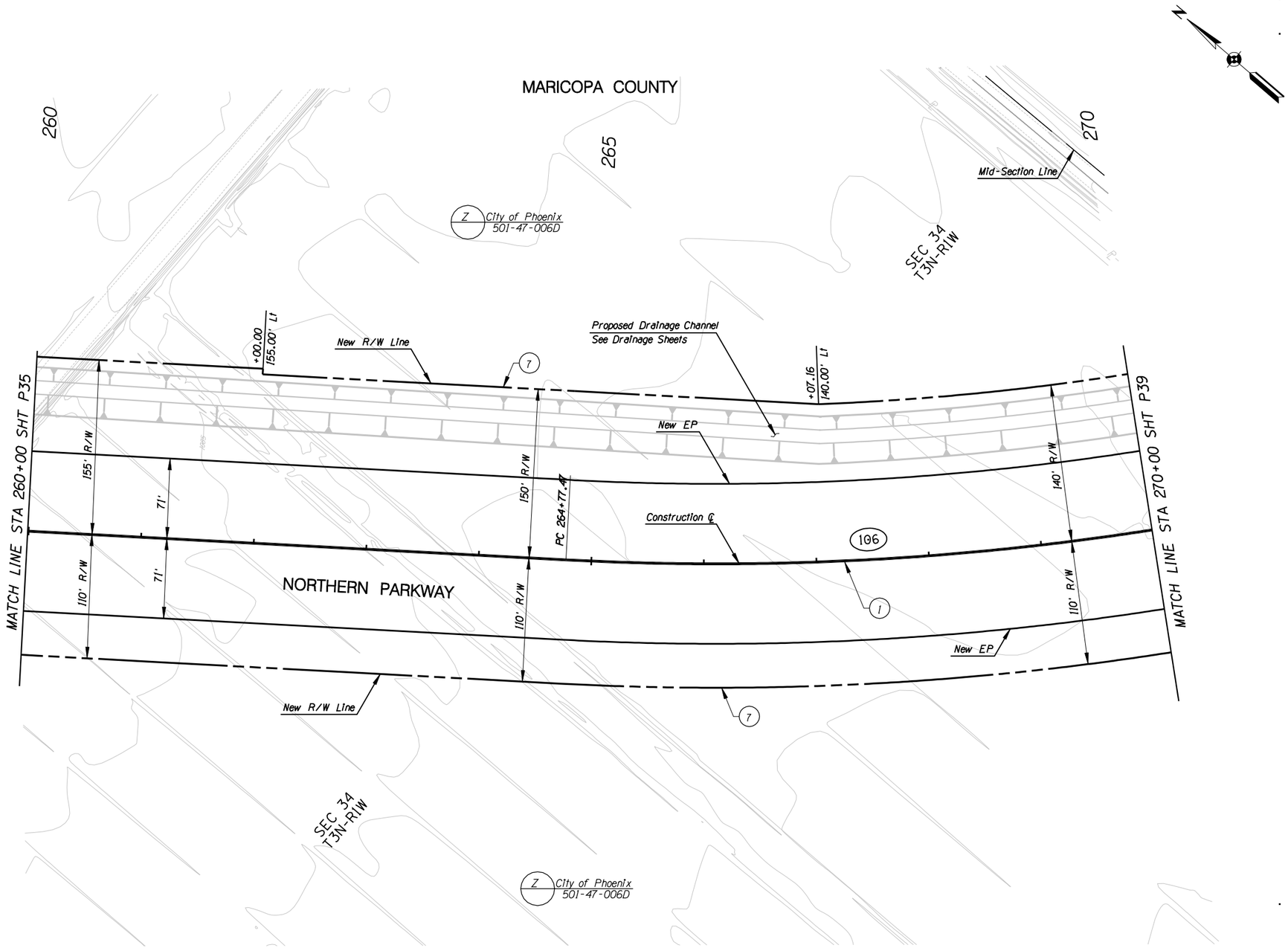
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr19.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



CONSTRUCTION

1. New Median Barrier
2.
3.
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

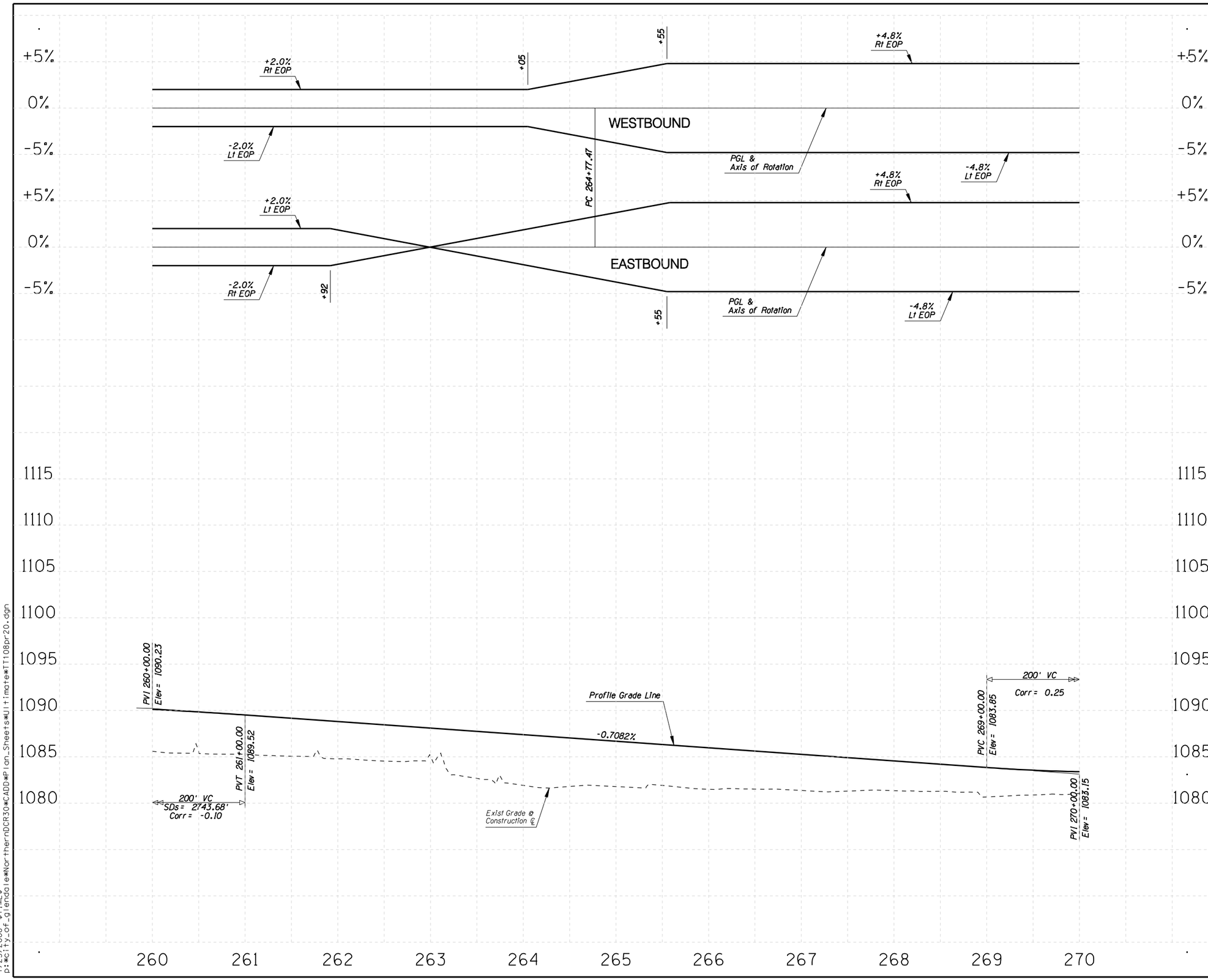
PAVING PLAN SHEET
STA 260+00 TO STA 270+00

SHEET P37

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p120.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 260+00 TO STA 270+00

SHEET P38

TRACS NO. 0000 MA MMA SS593 01C

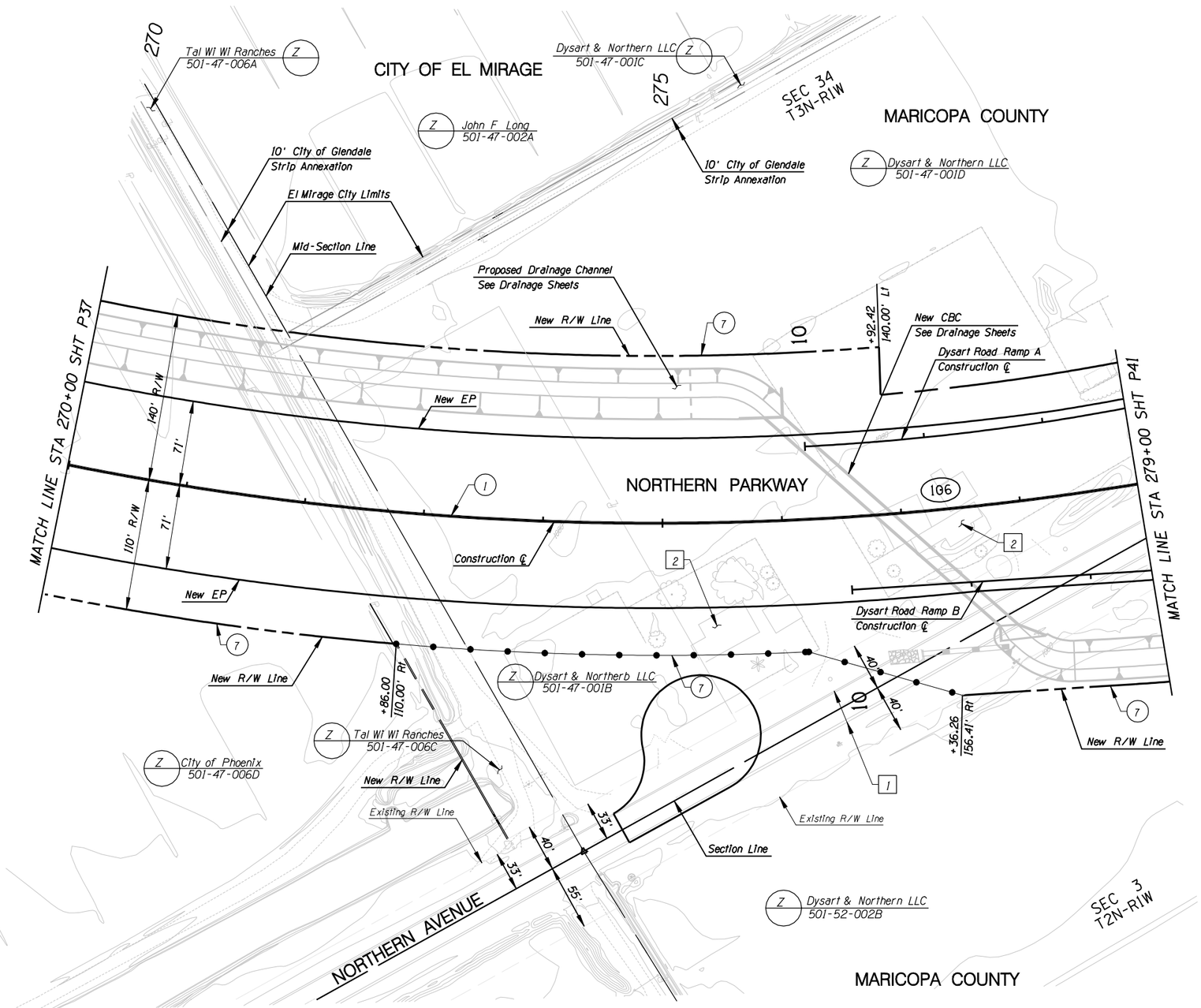
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr20.dgn

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

REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove House



CONSTRUCTION

1. New Median Barrier
2.
3.
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

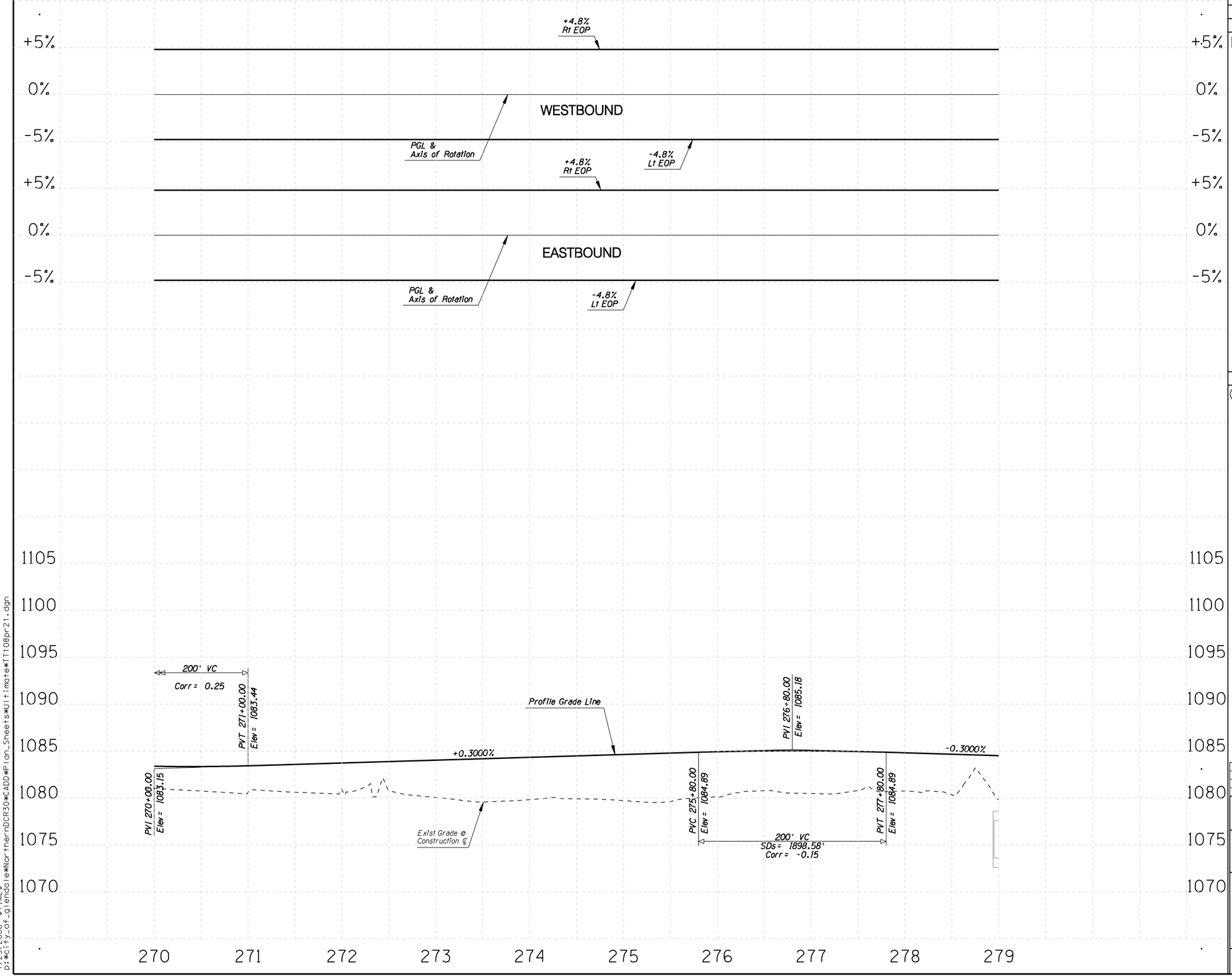
PAVING PLAN SHEET
STA 270+00 TO STA 279+00

SHEET P39

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p121.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

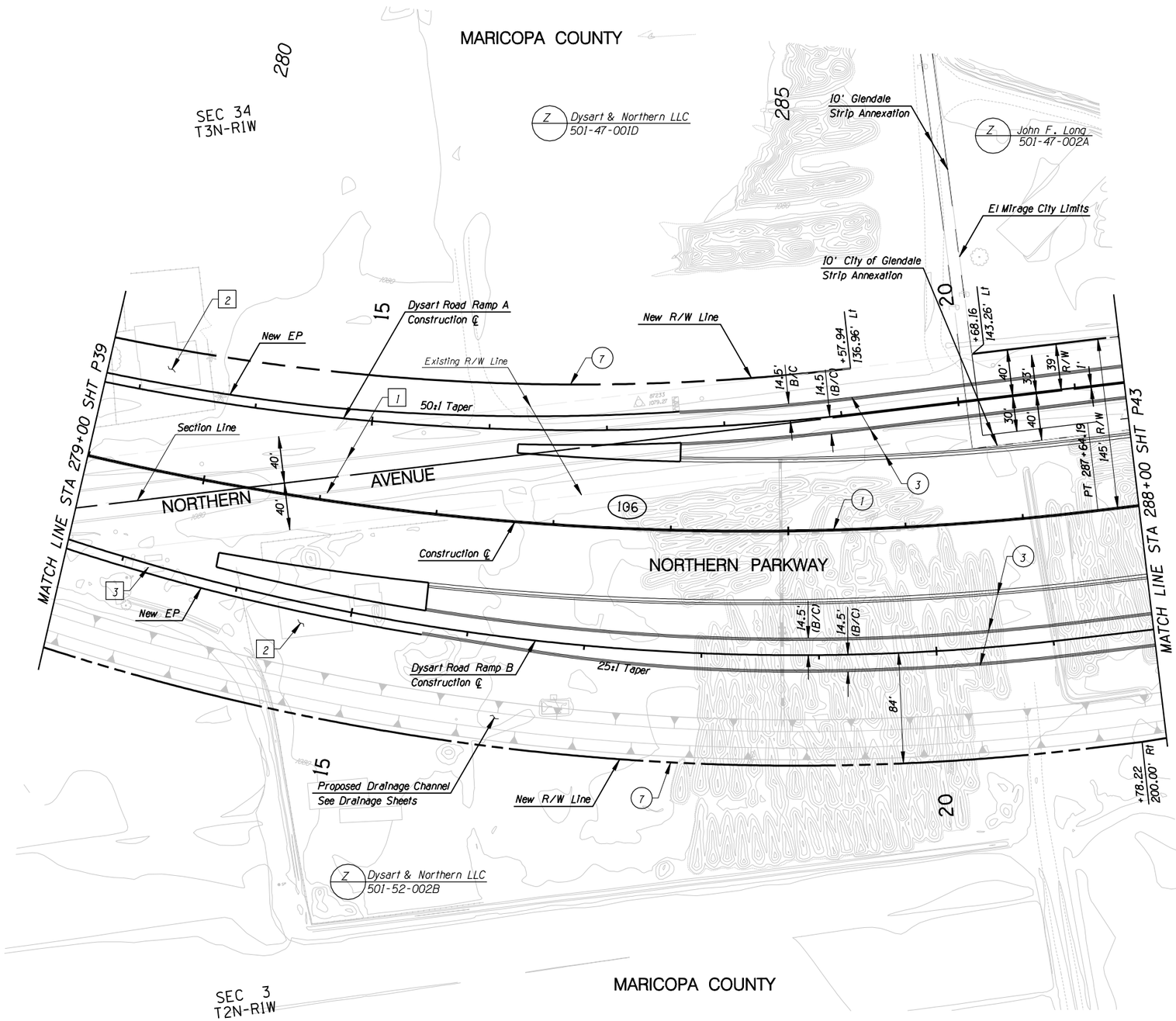
PROFILE SHEET
STA 270+00 TO STA 279+00

SHEET P40

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr21.dgn

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



REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove House
3. Relocate Well Site

CONSTRUCTION

1. New Median Barrier
2.
3. New Curb & Gutter
4.
5.
6.
7. New R/W Fence

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

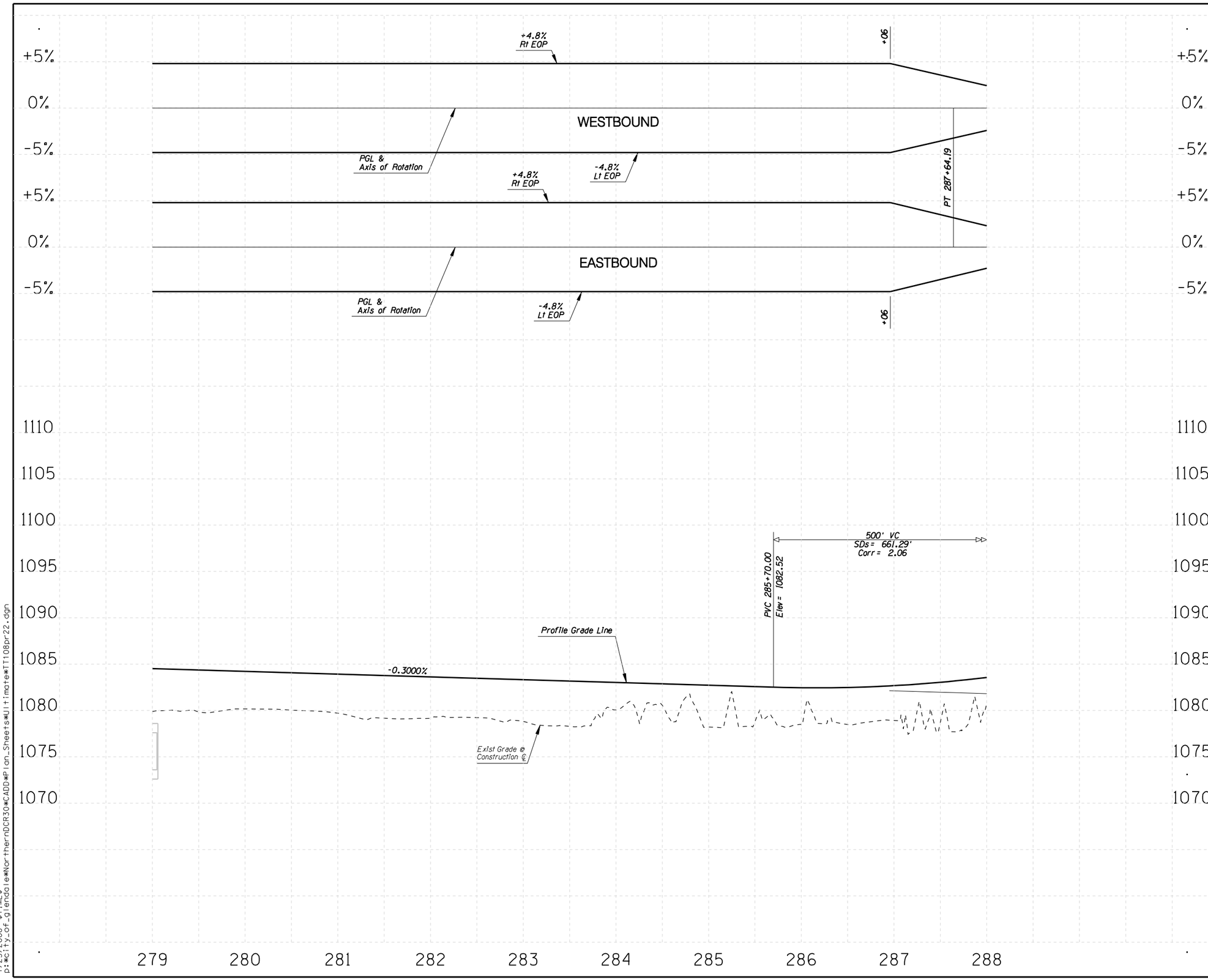
PAVING PLAN SHEET
STA 279+00 TO STA 288+00

SHEET P41

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*City_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*T1108p122.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 279+00 TO STA 288+00

SHEET P42

TRACS NO. 0000 MA MMA SS593 01C

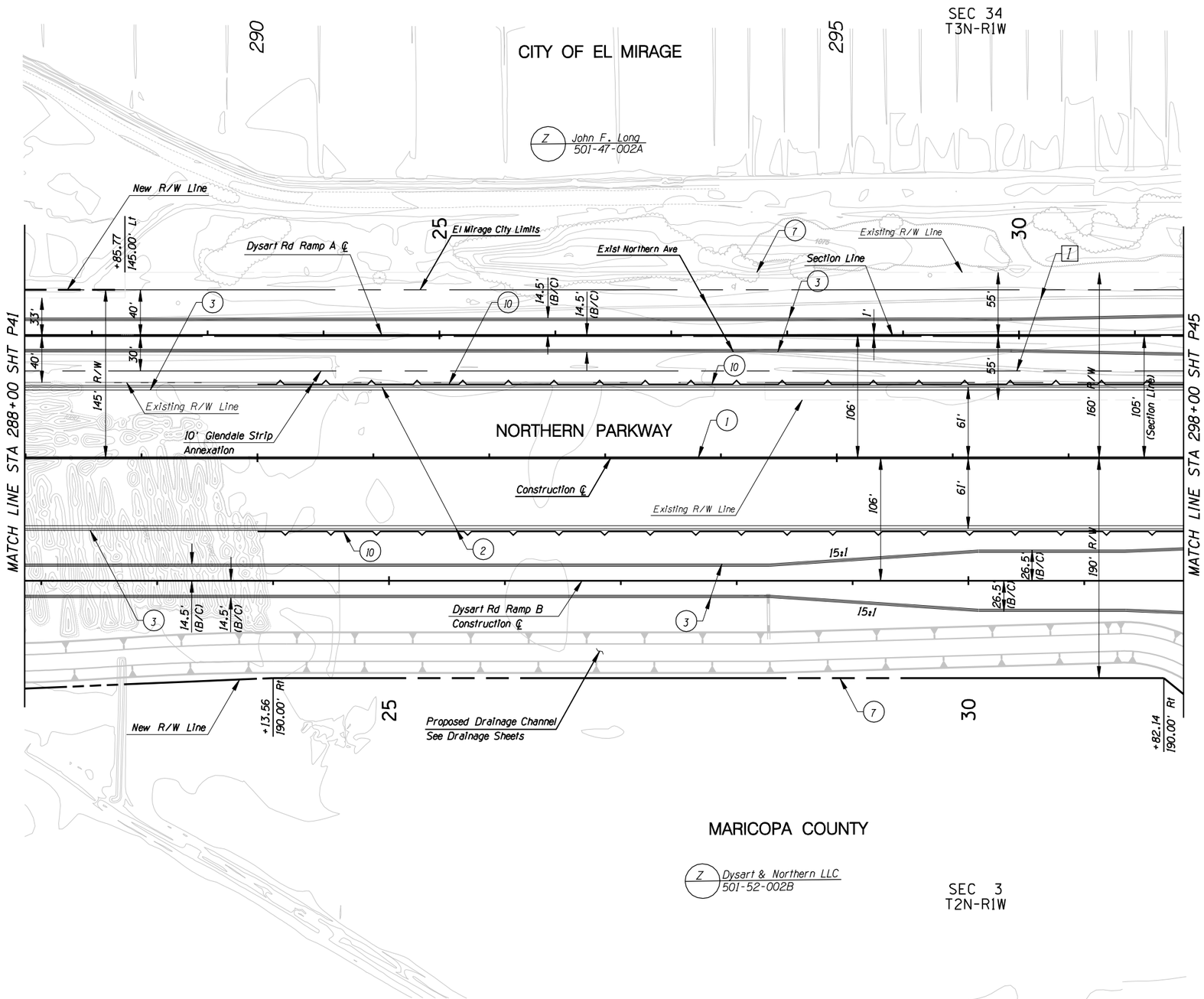
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr22.dgn

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

☐ **REMOVAL /RELOCATE** ☐

[1] Remove Pvmt



CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4.
5.
6.
7. New R/W Fence
8.
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

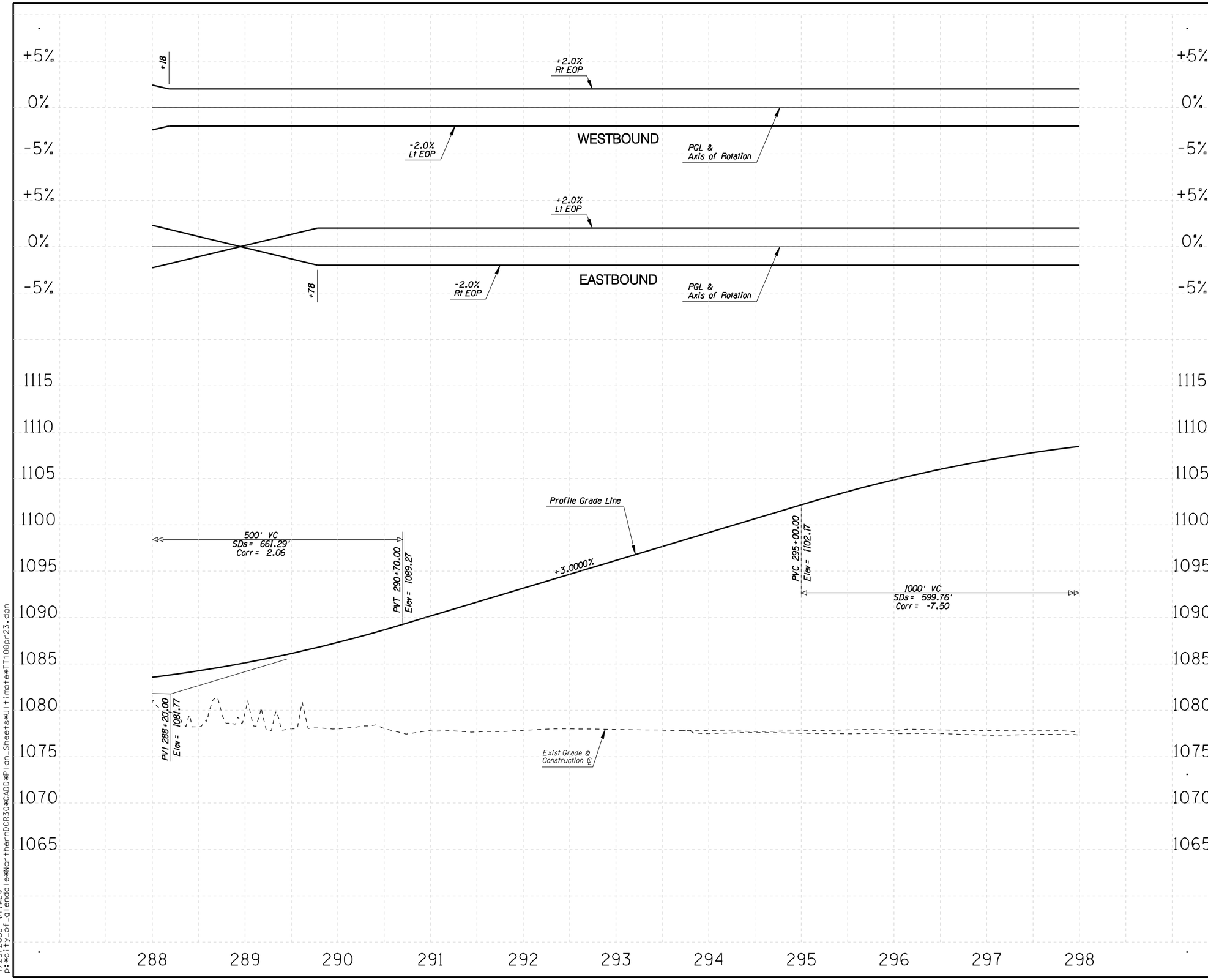
PAVING PLAN SHEET
STA 288+00 TO STA 298+00

SHEET P43

TRACS NO. 0000 MA MMA SS593 OIC

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pl23.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

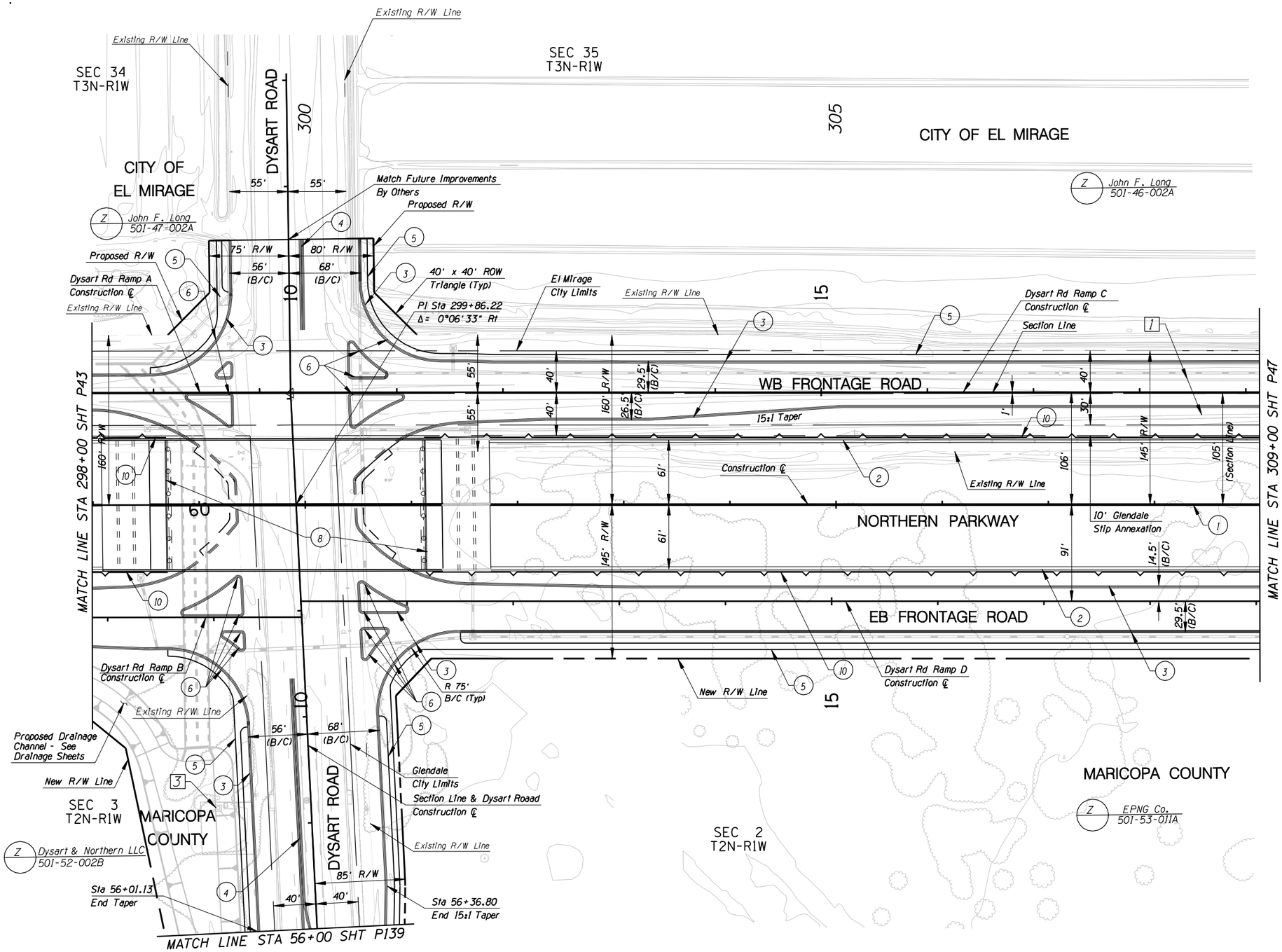
PROFILE SHEET
STA 288+00 TO STA 298+00

SHEET
P44

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr23.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1. Remove Pvmt
2.
3. Relocate Well

○ **CONSTRUCTION** ○

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7. New Fence
8. New Bridge
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

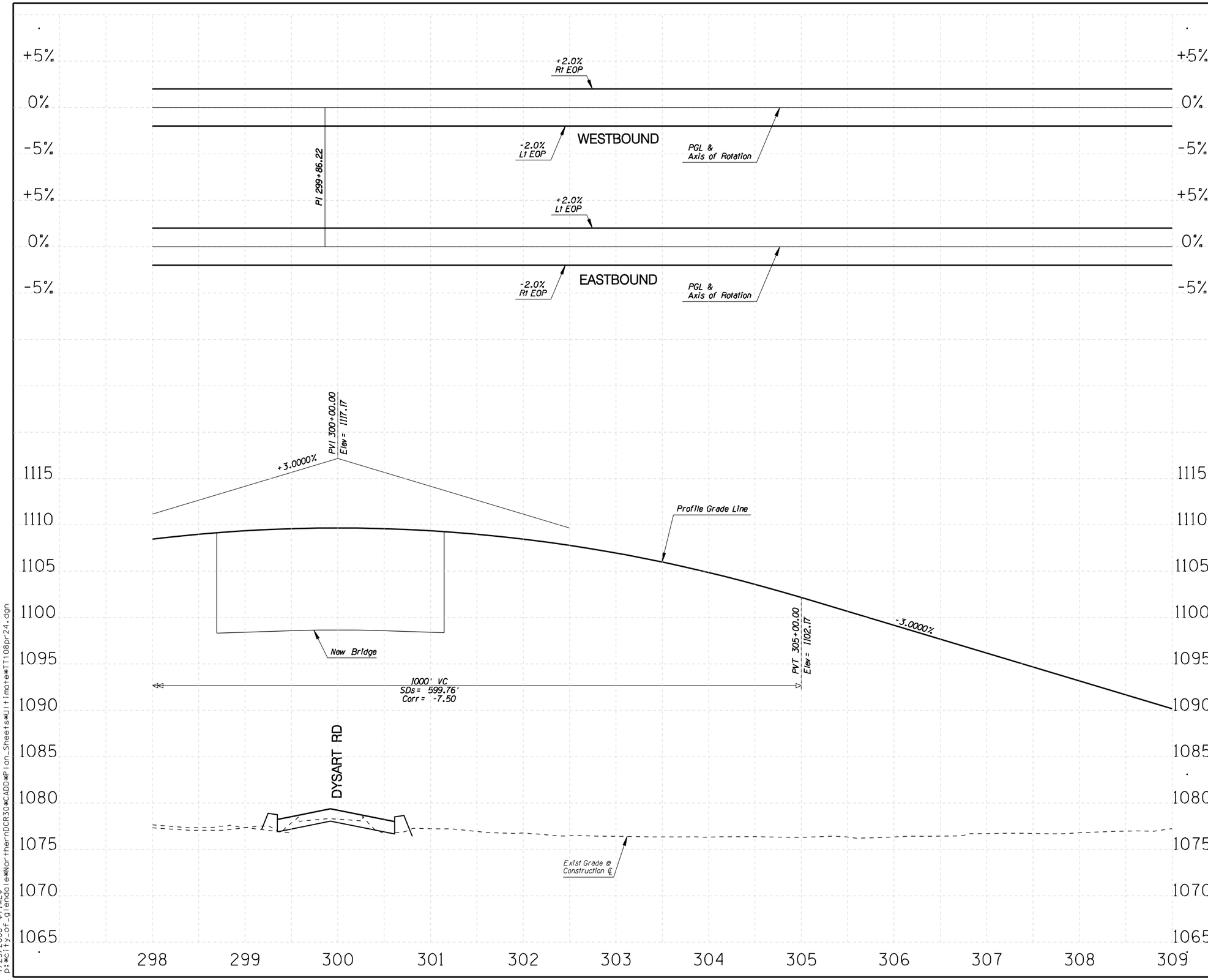
URS

PAVING PLAN SHEET
STA 298+00 TO STA 309+00

SHEET
P45

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pl24.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 298+00 TO STA 309+00

SHEET
P46

TRACS NO. 0000 MA MMA SS593 01C

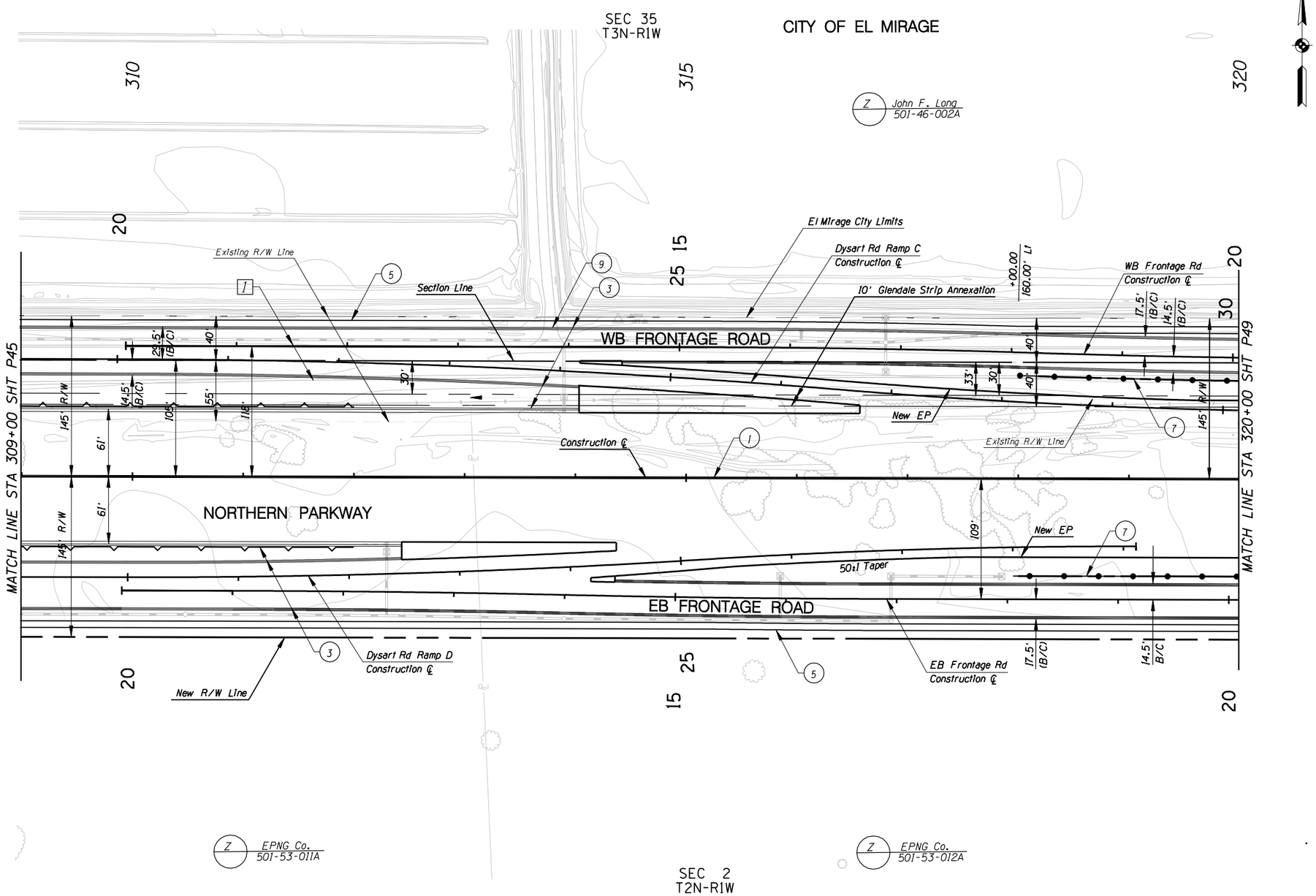
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr24.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4.
5. New S/W
6.
7. New Fence
8.
9. New D/W at Existing D/W Location

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

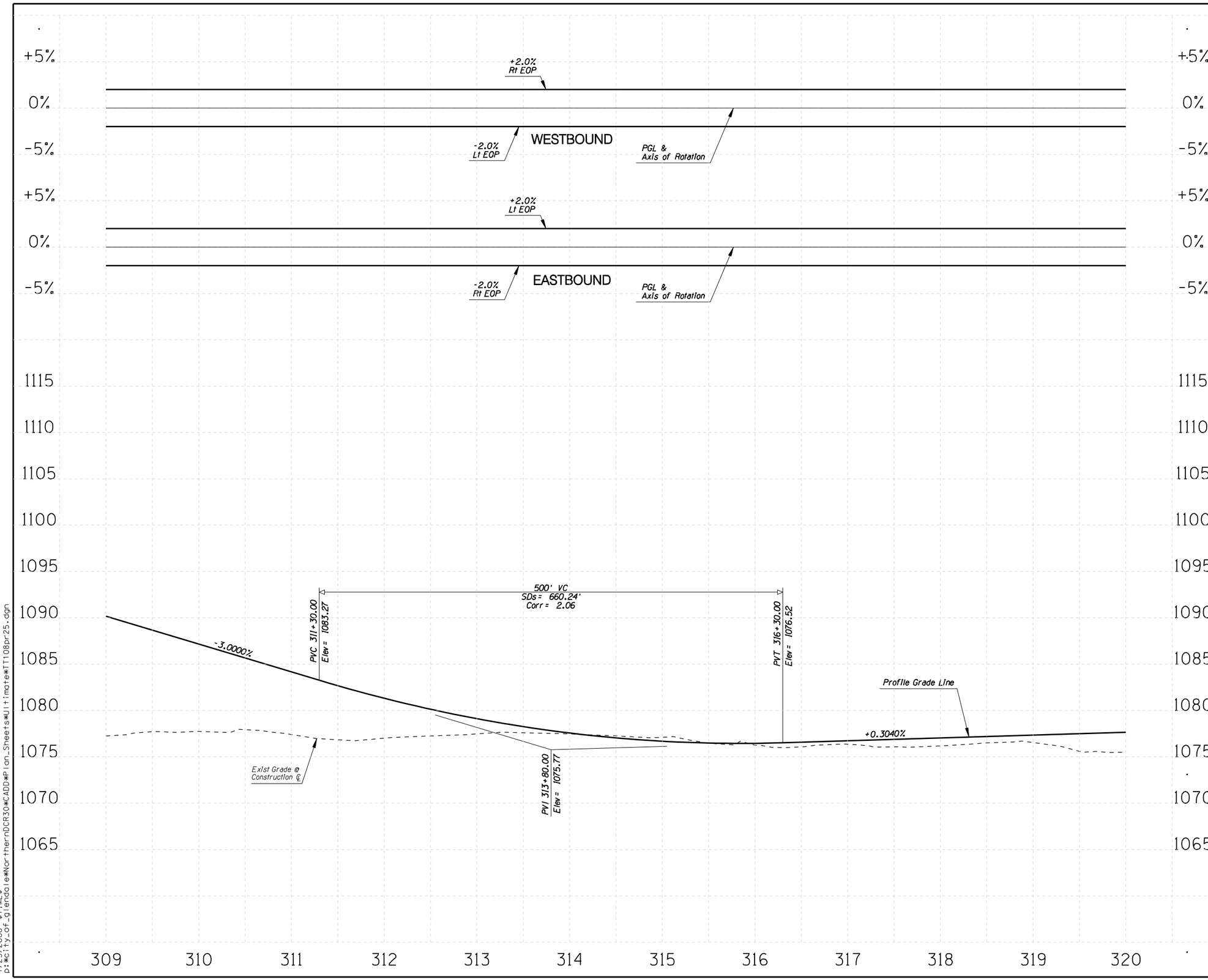
PAVING PLAN SHEET
STA 309+00 TO STA 320+00

SHEET P47

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p125.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 309+00 TO STA 320+00

SHEET P48

TRACS NO. 0000 MA MMA SS593 01C

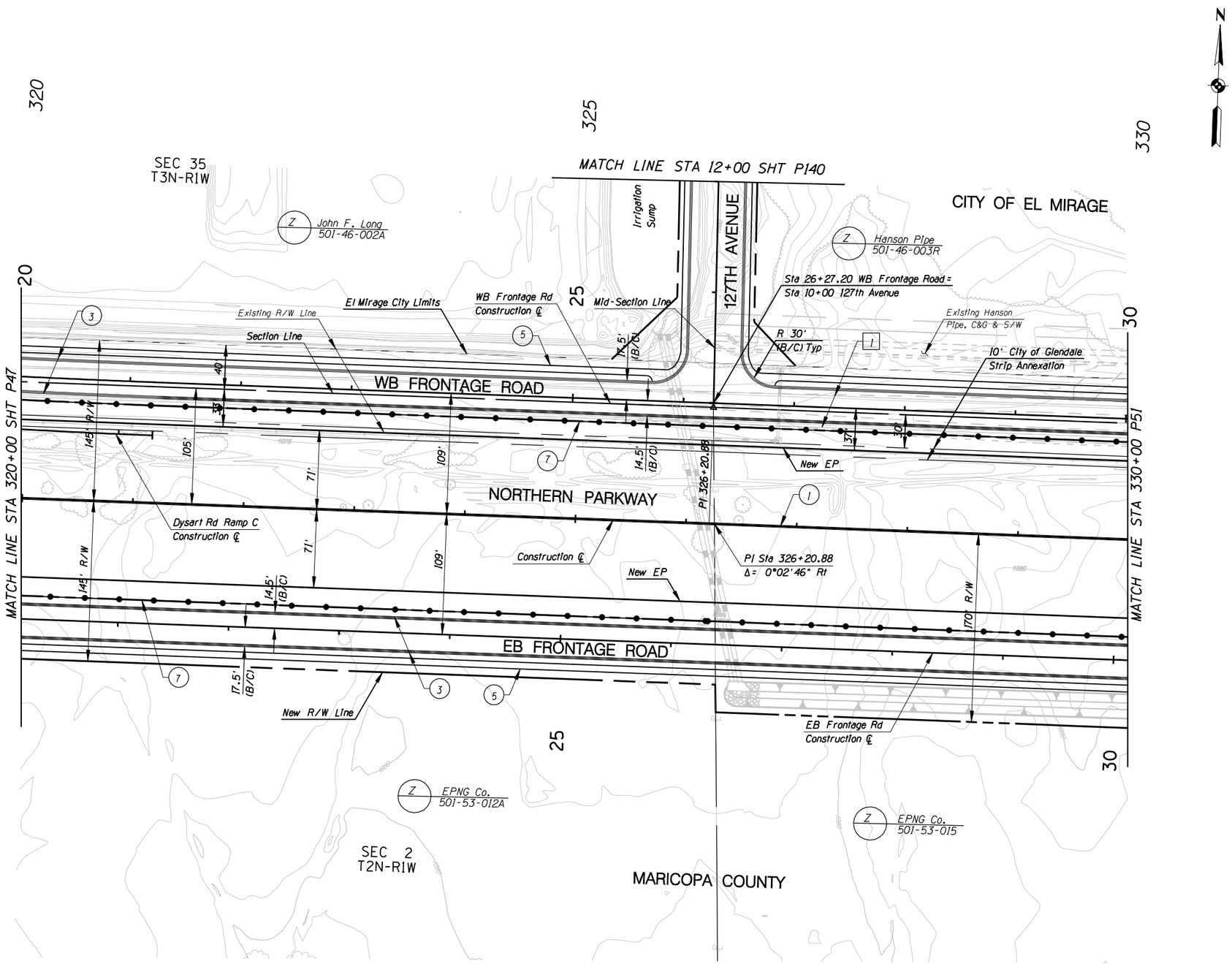
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr25.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



CONSTRUCTION

1. New Median Barrier
2.
3. New Curb & Gutter
4.
5. New S/W
6.
7. New Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

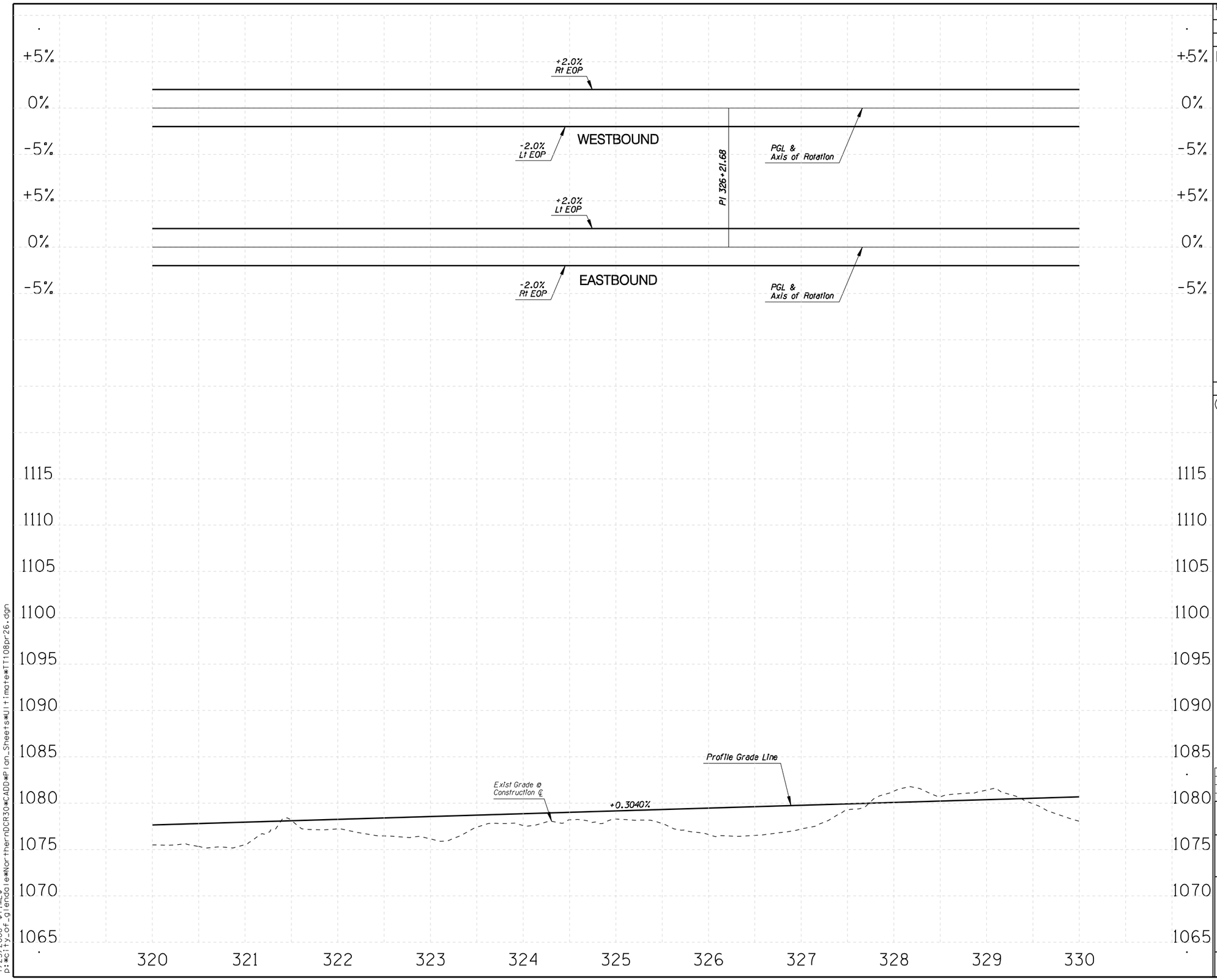
PAVING PLAN SHEET
STA 320+00 TO STA 330+00

SHEET P49

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p126.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 320+00 TO STA 330+00

SHEET
P50

TRACS NO. 0000 MA MMA SS593 01C

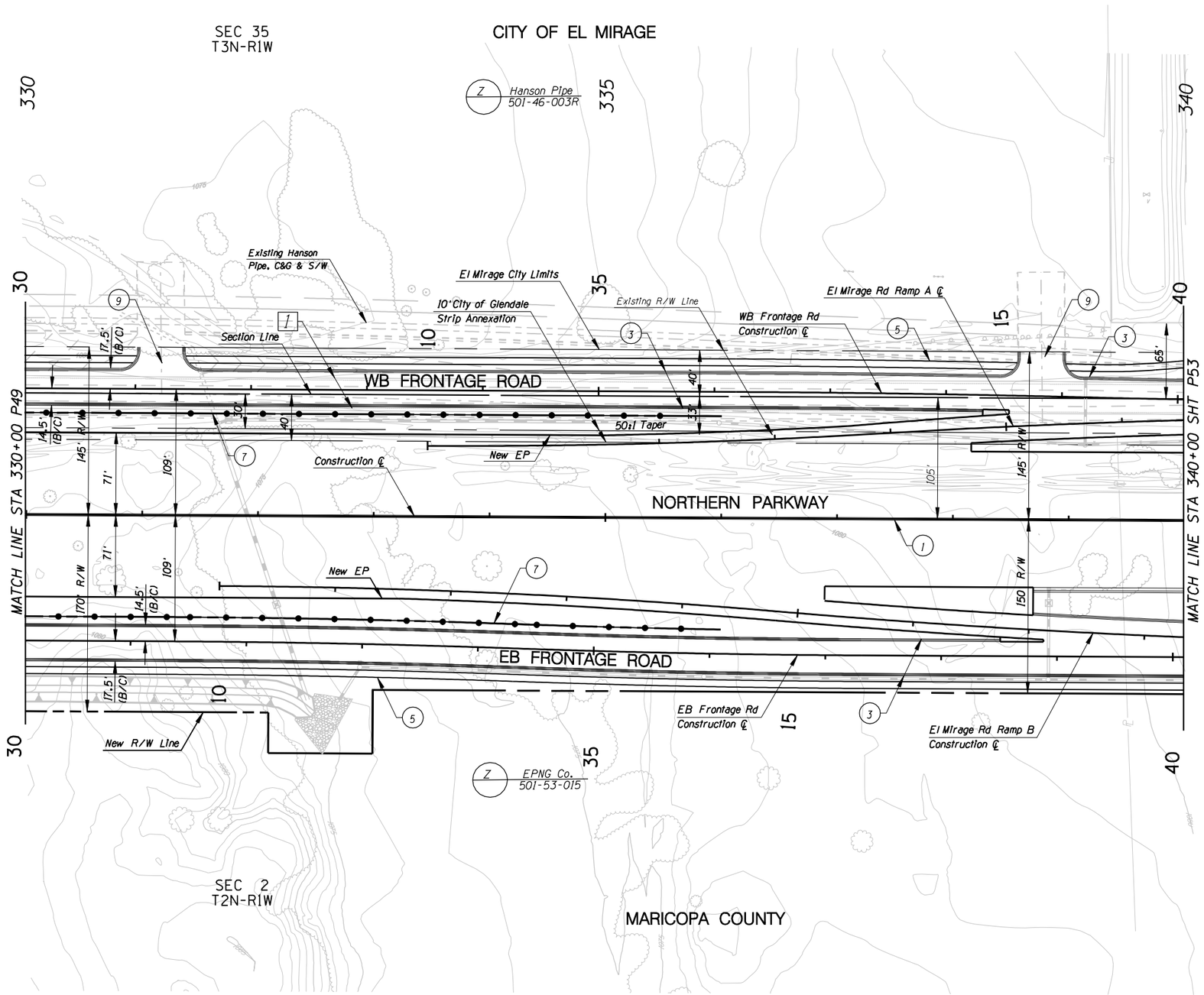
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr26.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



○ **CONSTRUCTION** ○

1. New Median Barrier
2.
3. New Curb & Gutter
4.
5. New S/W
6.
7. New Fence
8.
9. New D/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

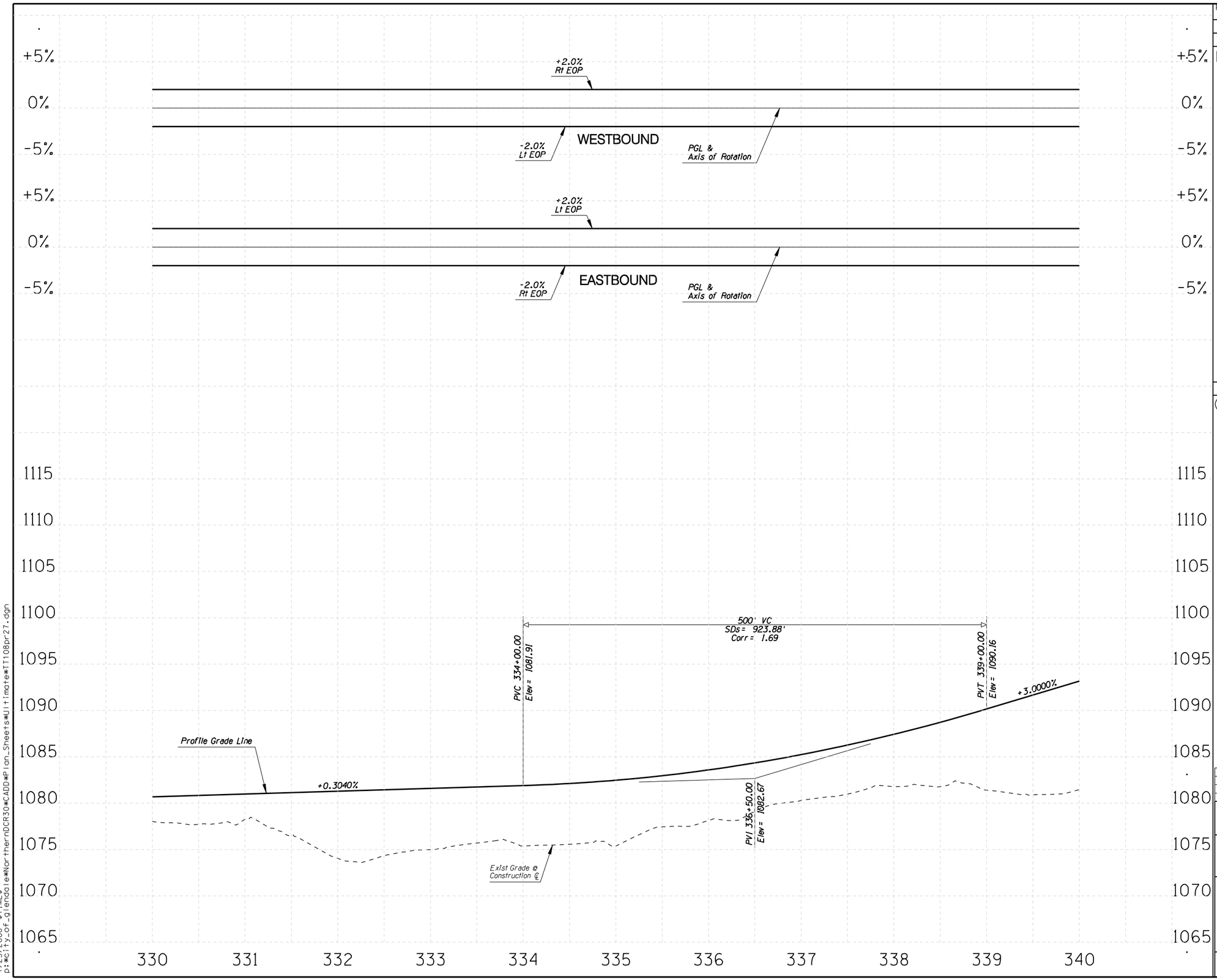
PAVING PLAN SHEET
STA 330+00 TO STA 340+00

SHEET P51

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*T1108p127.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 330+00 TO STA 340+00

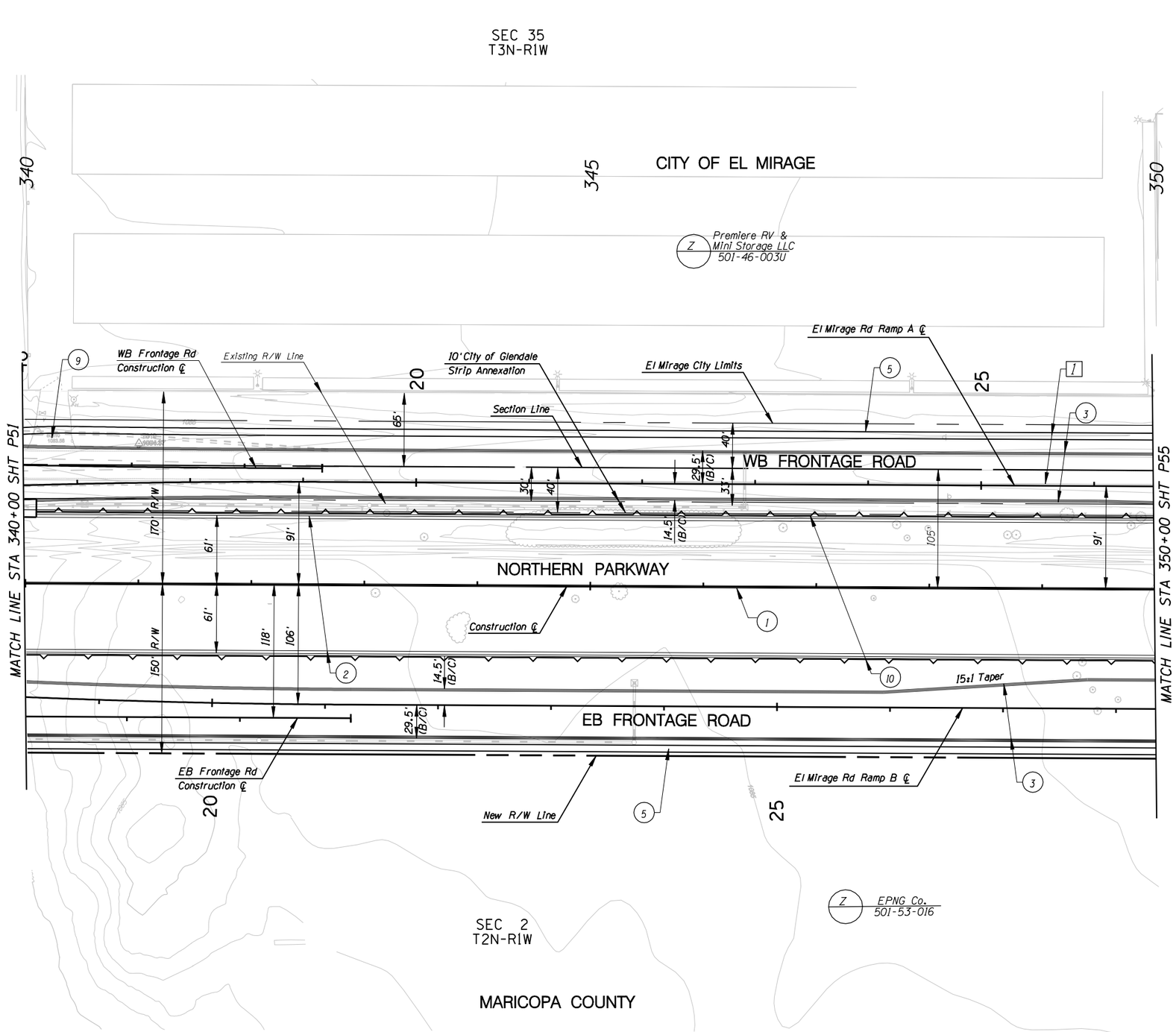
SHEET P52

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*T1108pr27.dgn

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



☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt

◯ **CONSTRUCTION** ◯

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4.
5. New S/W
6.
7.
8.
9. New D/W
10. New Retaining Wall at Existing D/W Location

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

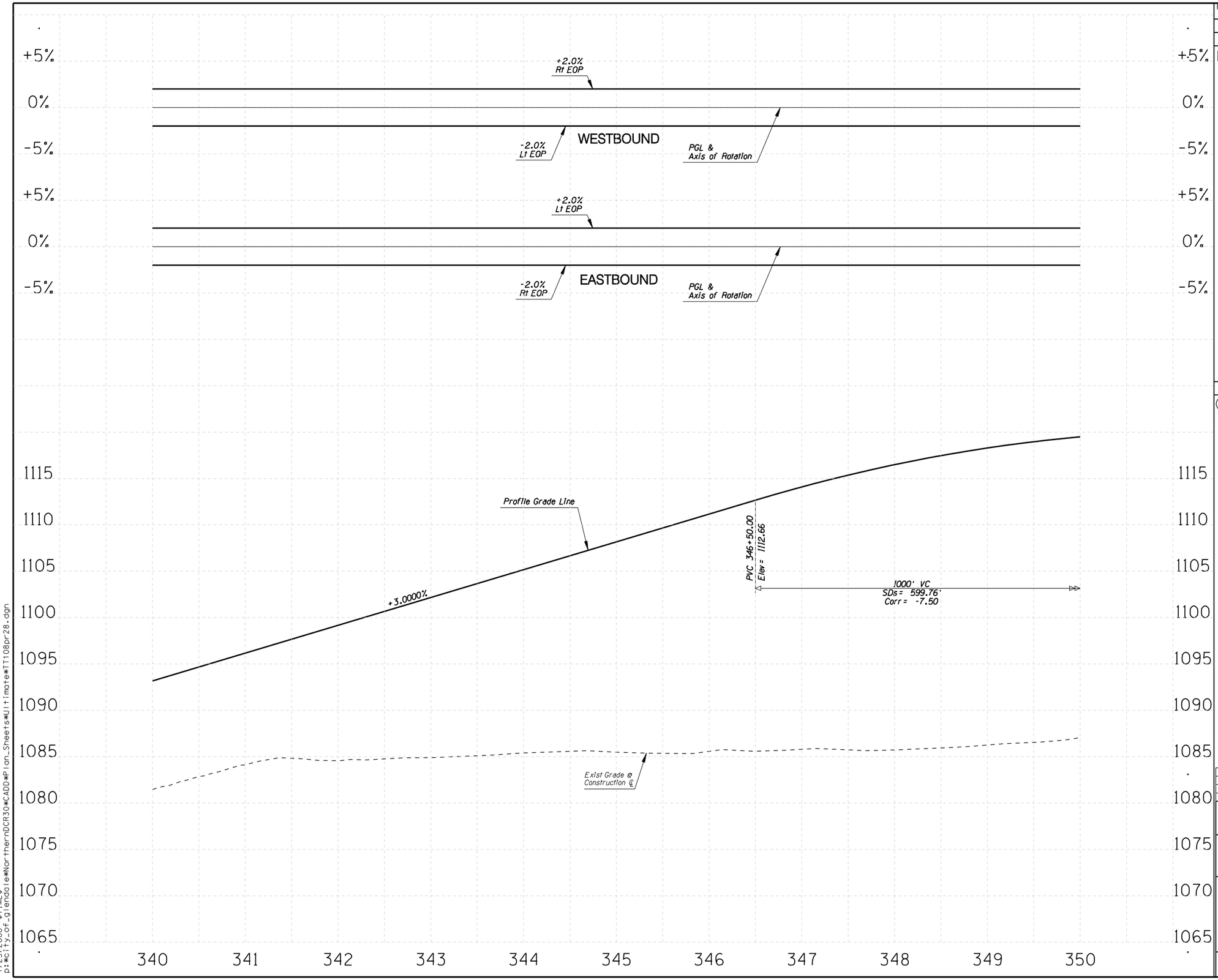
URS

PAVING PLAN SHEET
STA 340+00 TO STA 350+00

SHEET P53

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p128.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 340+00 TO STA 350+00

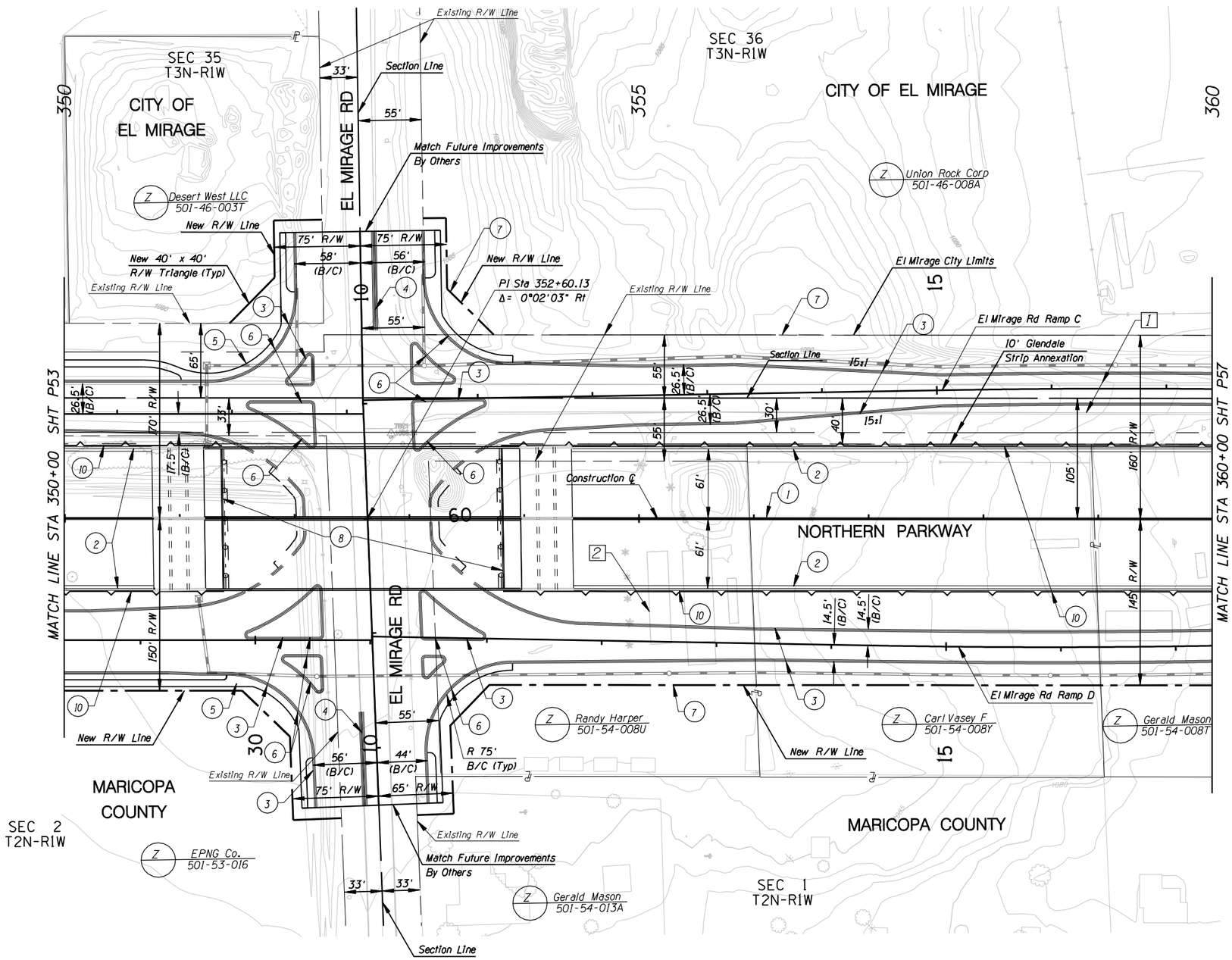
SHEET P54

TRACS NO. 0000 MA MMA SS593 OIC

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr28.dgn

English

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



N

REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove Business
3.

CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7. New R/W Fence
8. New Bridge
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

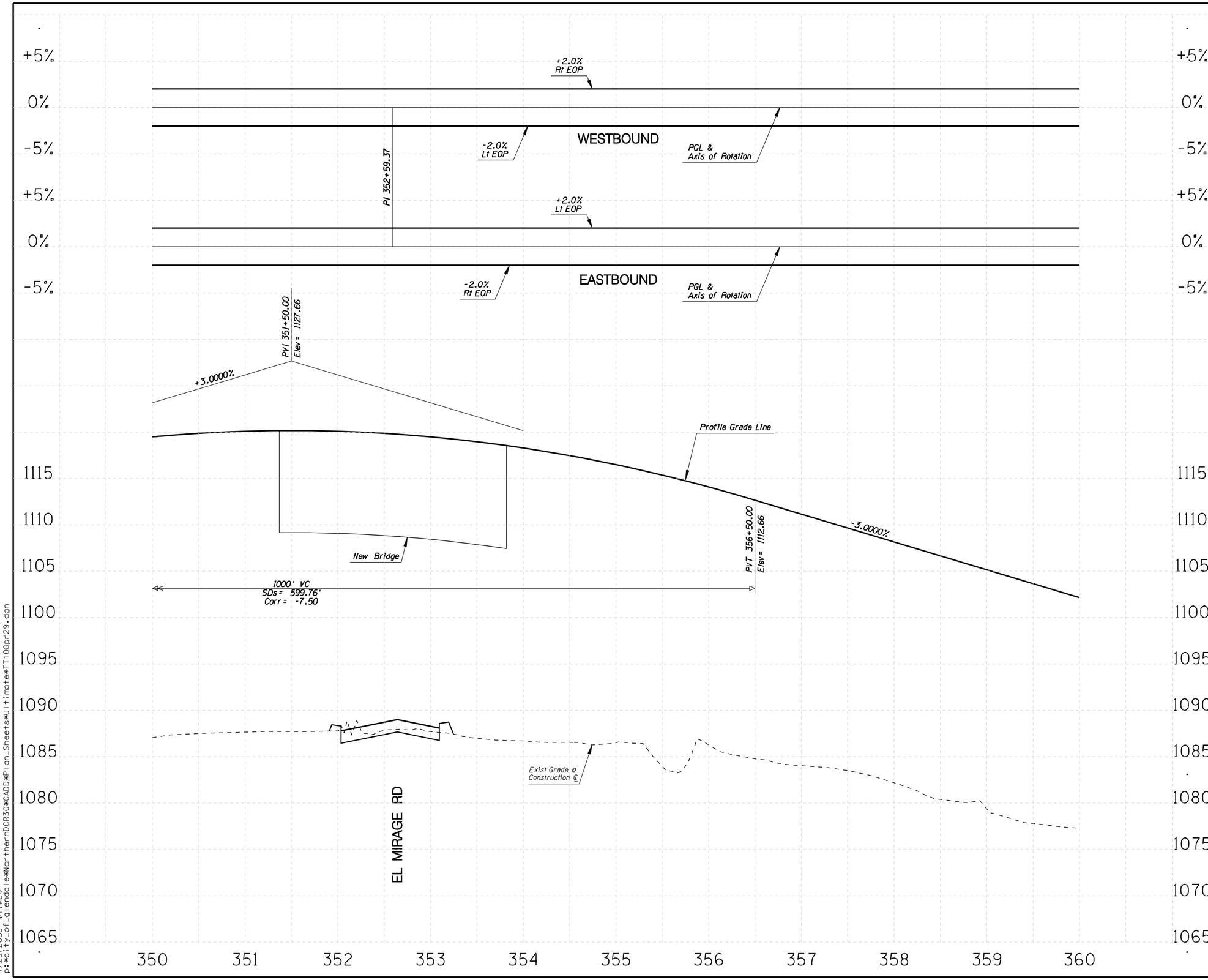
PAVING PLAN SHEET
STA 350+00 TO STA 360+00

SHEET
P55

TRACS NO. 0000 MA MMA SS593 01C

English

5/29/2009 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway*CADD*Plans\Alternative 1*T1108p129.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 350+00 TO STA 360+00

SHEET
P56

TRACS NO. 0000 MA MMA SS593 01C

English

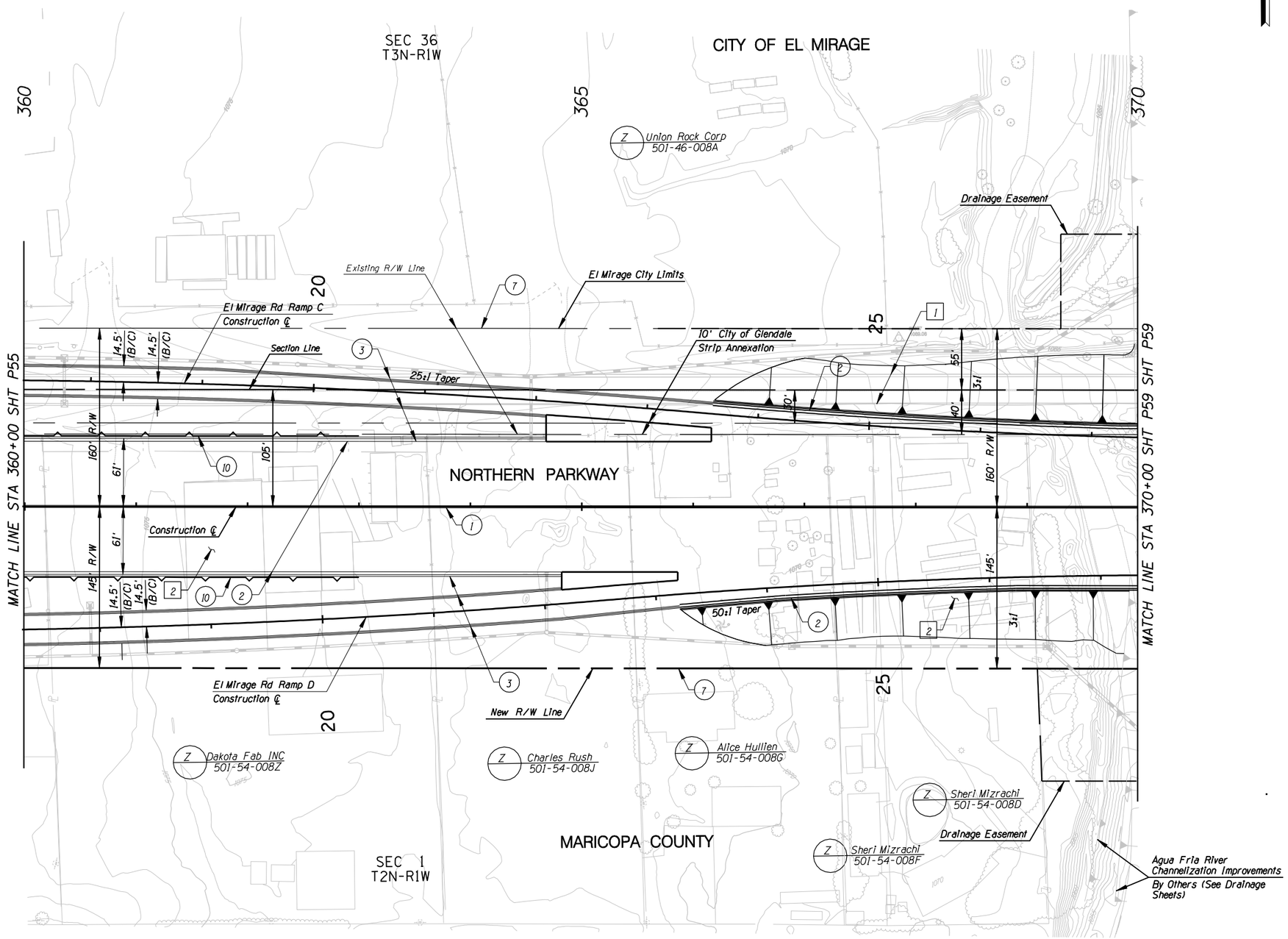
1/25/2008 $TIME$
p:*City_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr29.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt

2 Remove Business



☐ **CONSTRUCTION** ☐

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4.
5.
6.
7. New R/W Fence
8.
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

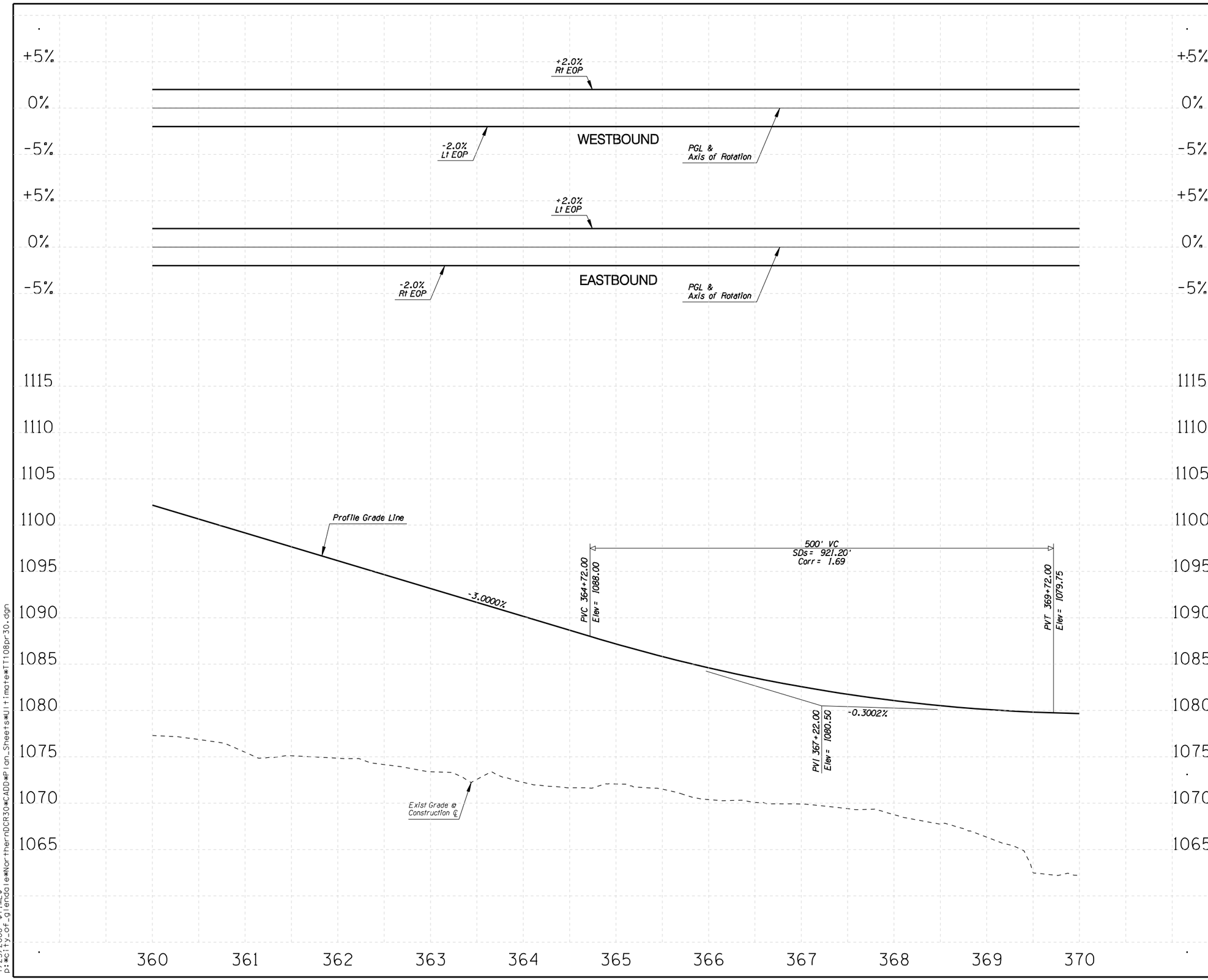
PAVING PLAN SHEET
STA 360+00 TO STA 370+00

SHEET P57

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pl30.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 360+00 TO STA 370+00

SHEET P58

TRACS NO. 0000 MA MMA SS593 01C

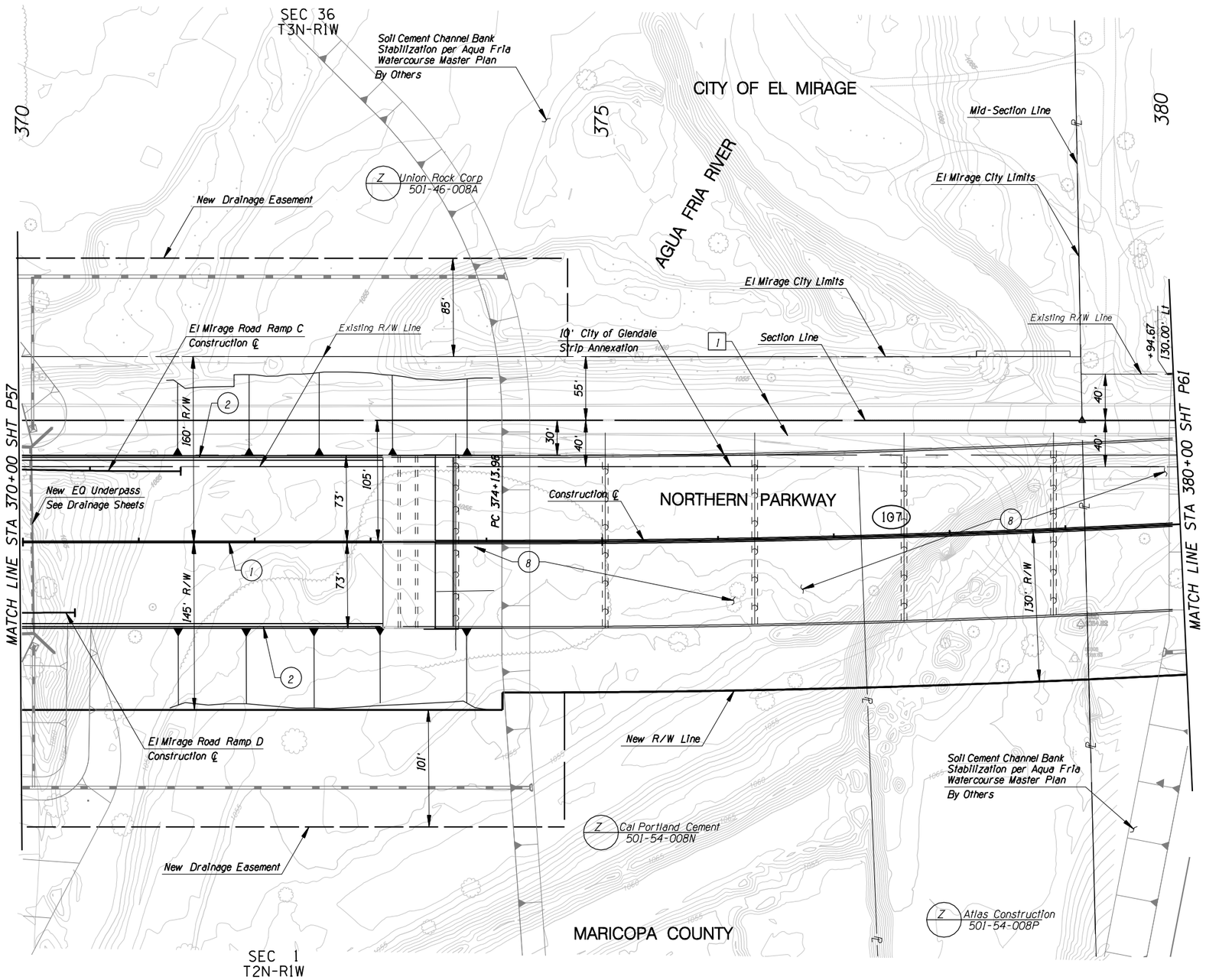
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr30.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



○ **CONSTRUCTION** ○

1. New Median Barrier
2. New Half Barrier
3.
4.
5.
6.
7.
8. New Bridge

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

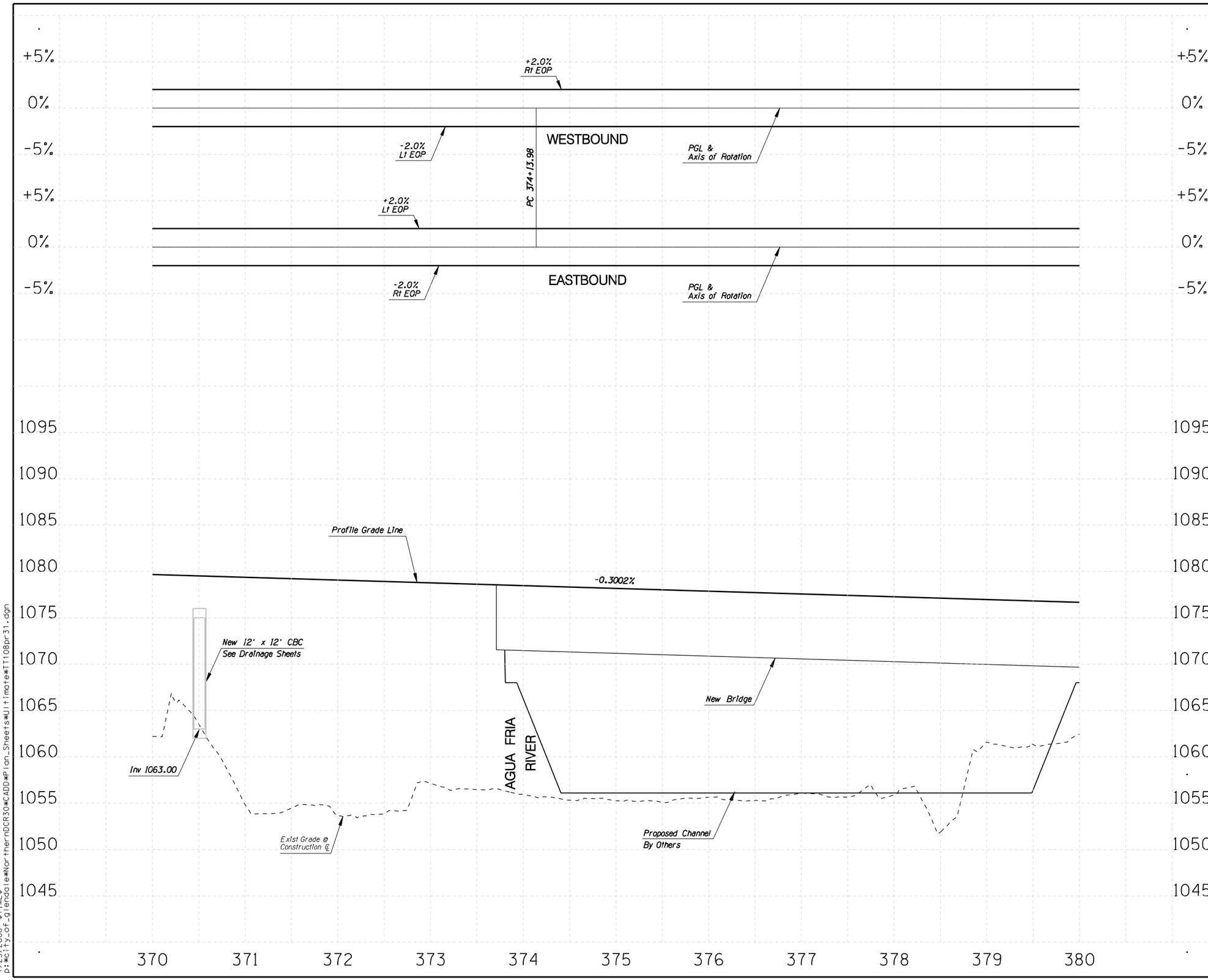
PAVING PLAN SHEET
STA 370+00 TO STA 380+00

SHEET P59

TRACS NO. 0000 MA MMA SS593 01C

English

5/27/2009 $TIME$
p:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\T108pl31.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 370+00 TO STA 380+00

SHEET
P60

TRACS NO. 0000 MA MMA SS593 01C

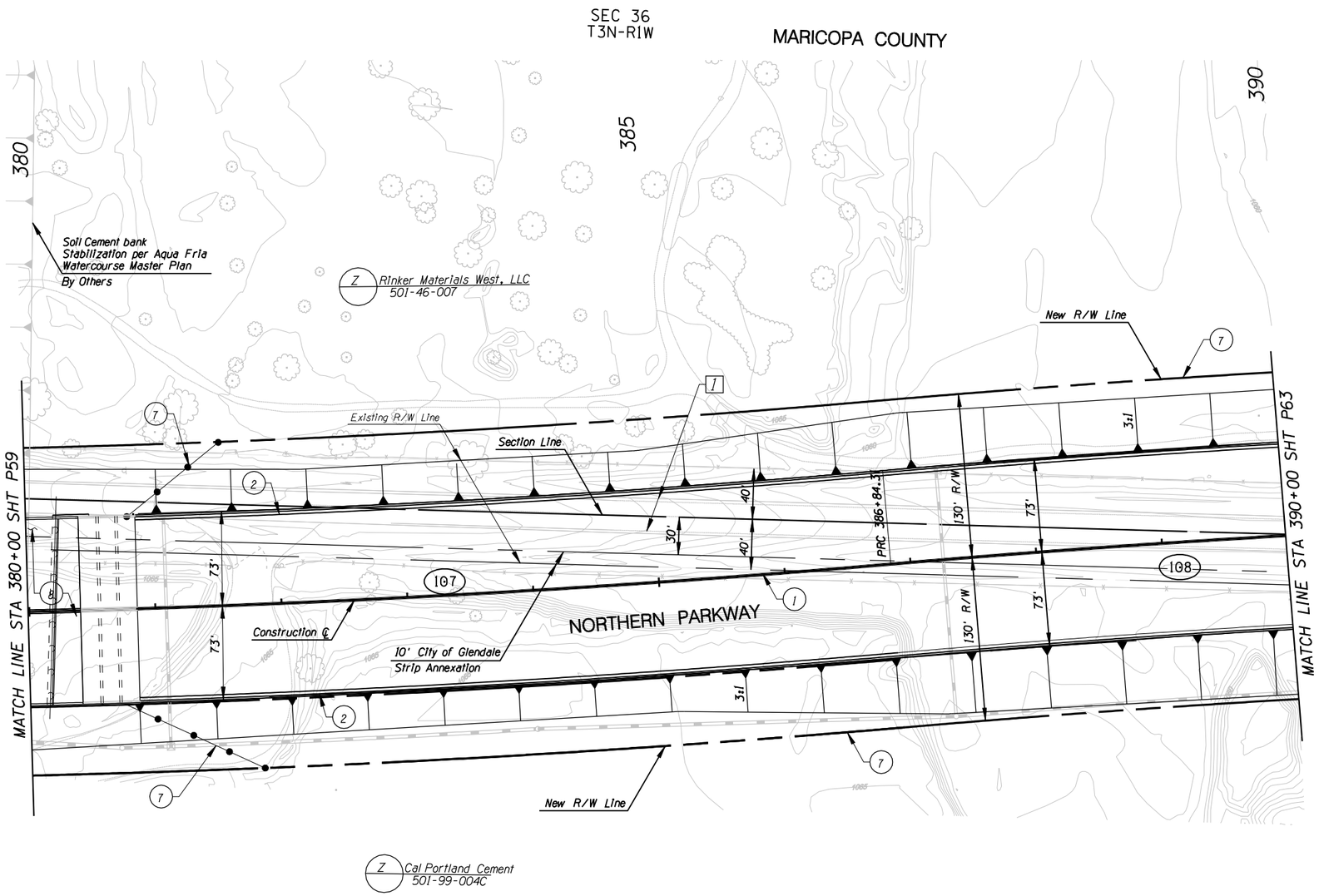
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T108pr31.dgn

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

☐ **REMOVAL /RELOCATE** ☐

[1] *Remove Pvmt*



☐ **CONSTRUCTION** ☐

1. New Median Barrier
2. New Half Barrier
3.
4.
5.
6.
7. New R/W Fence
8. New Bridge

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

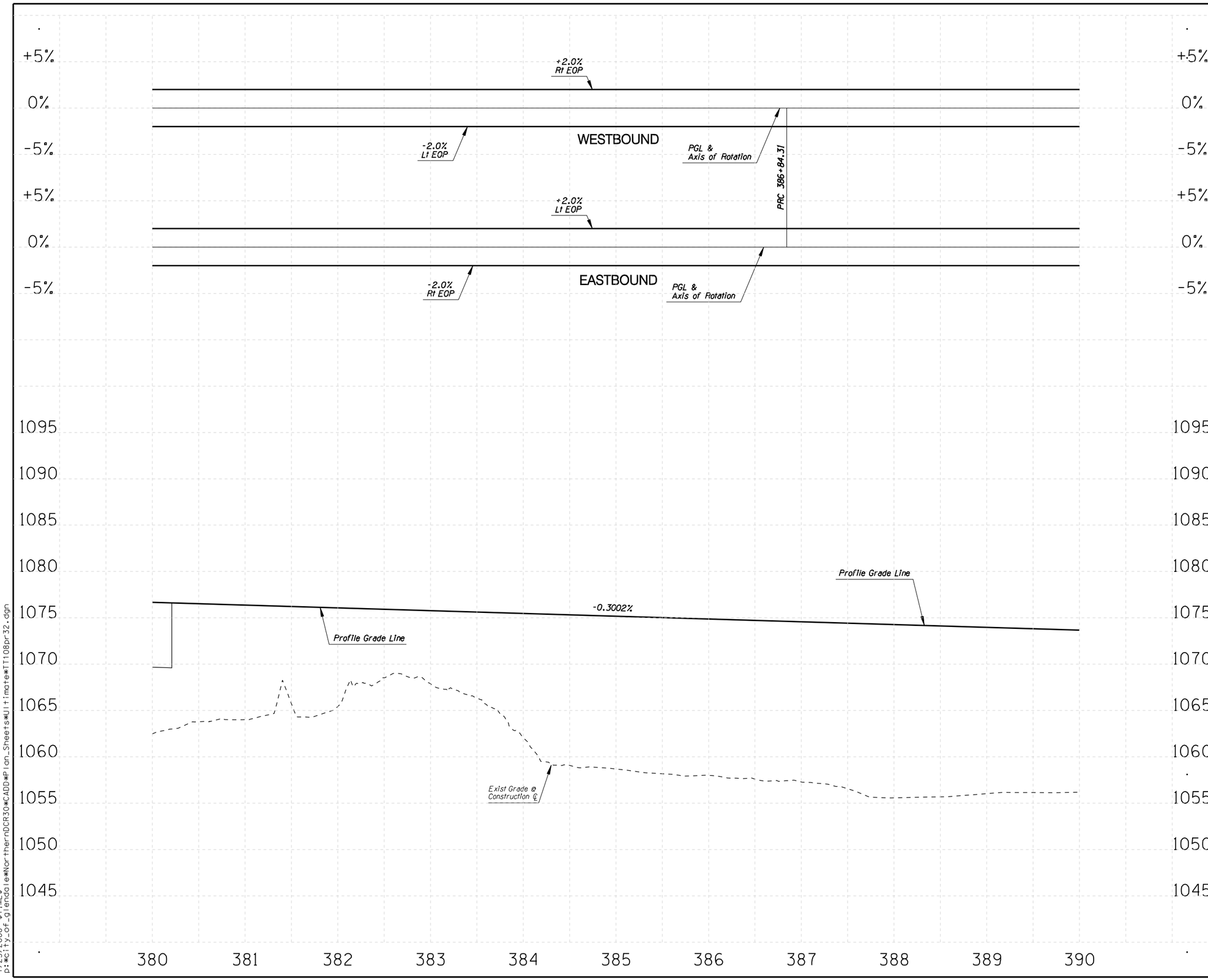
PAVING PLAN SHEET
STA 380+00 TO STA 390+00

SHEET P61

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p132.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 380+00 TO STA 390+00

SHEET P62

TRACS NO. 0000 MA MMA SS593 01C

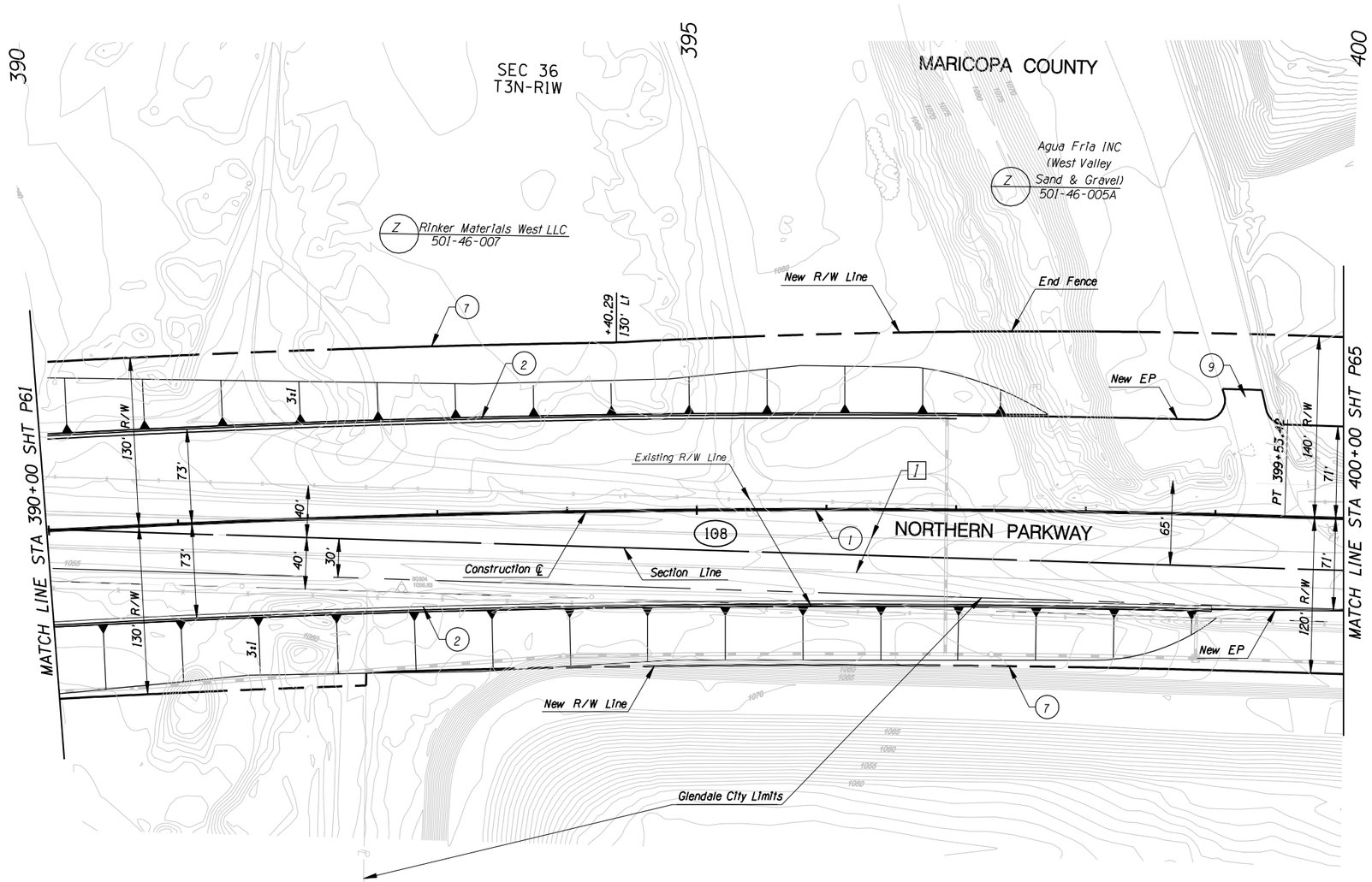
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr32.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



SEC 1
T2N-R1W

CITY OF GLENDALE

City of Glendale
501-99-004D

CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3.
4.
5.
6.
7. New R/W Fence
8.
9. New D/W at Existing D/W Location

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

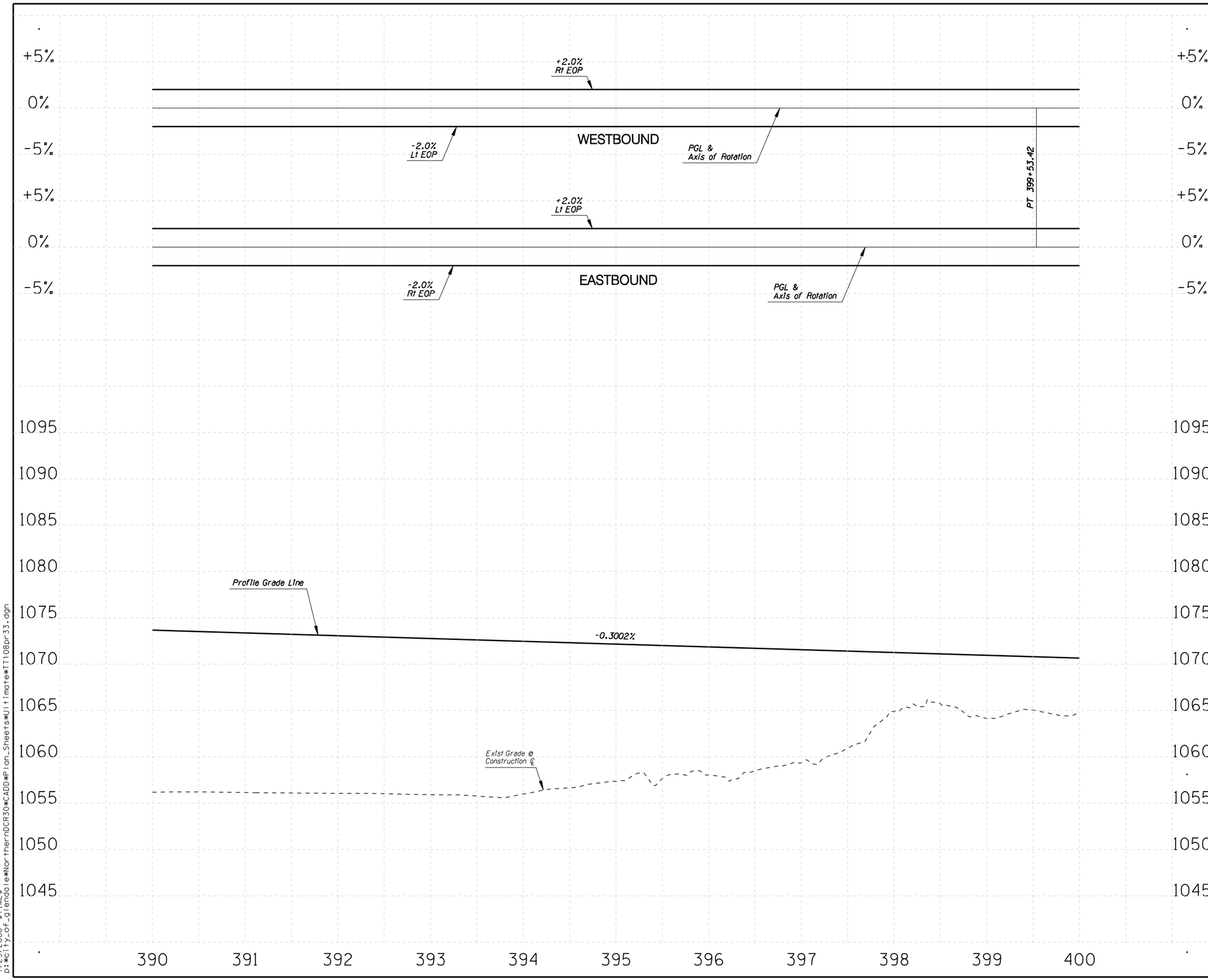
PAVING PLAN SHEET
STA 390+00 TO STA 400+00

SHEET P63

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p133.dgn

English



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 390+00 TO STA 400+00

SHEET
P64

TRACS NO. 0000 MA MMA SS593 01C

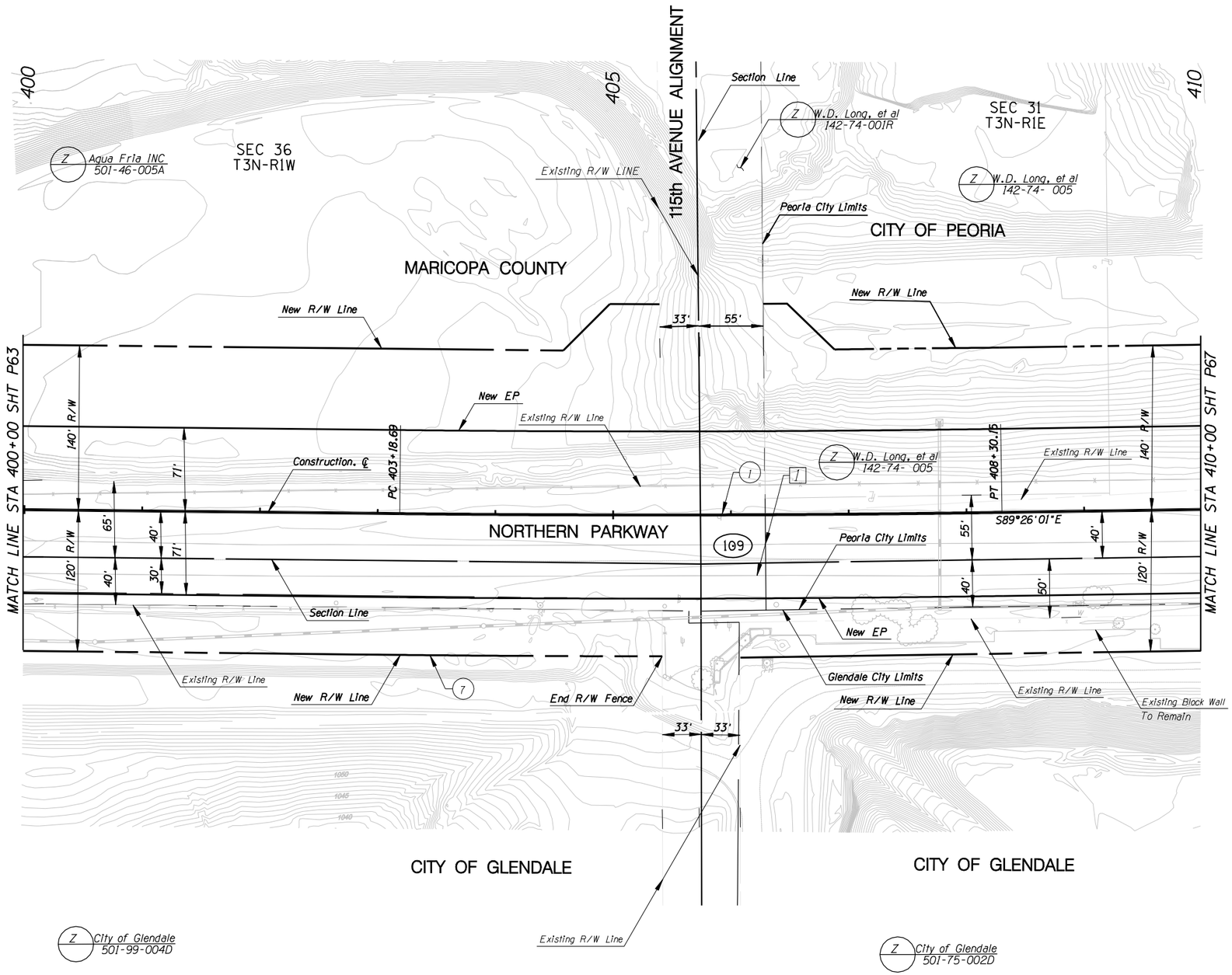
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr33.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



○ **CONSTRUCTION** ○

1. New Median Barrier
2.
3.
4.
5.
6.
7. New R/W Fence

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION	DESIGNED	P T BACA/R HOOKEY	1/08
	DRAWN	L WAGNER	1/08
	CHECKED	R MILES	1/08

URS

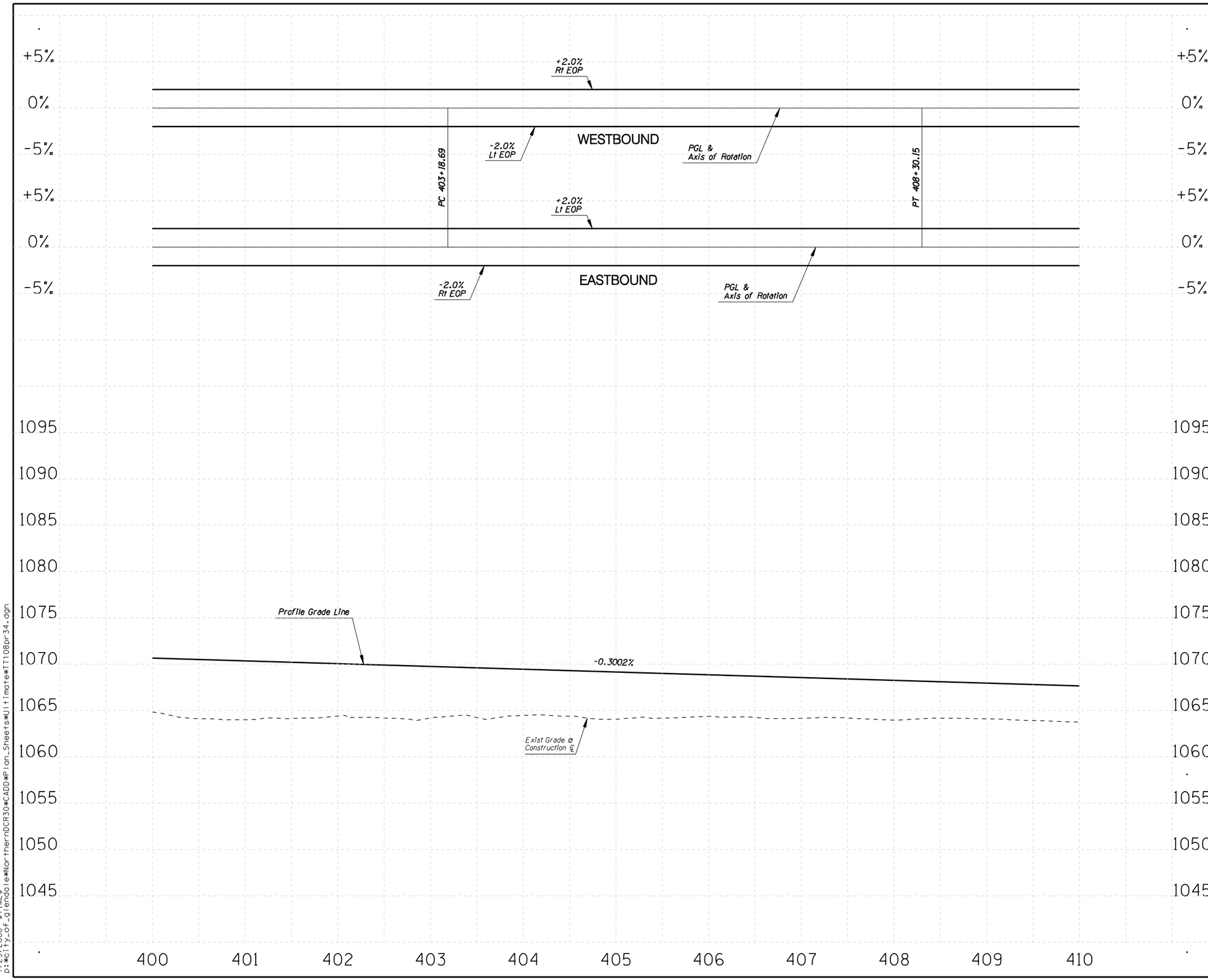
PAVING PLAN SHEET
STA 400+00 TO STA 410+00

SHEET P65

TRACS NO. 0000 MA MMA SS593 OIC

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p134.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 400+00 TO STA 410+00

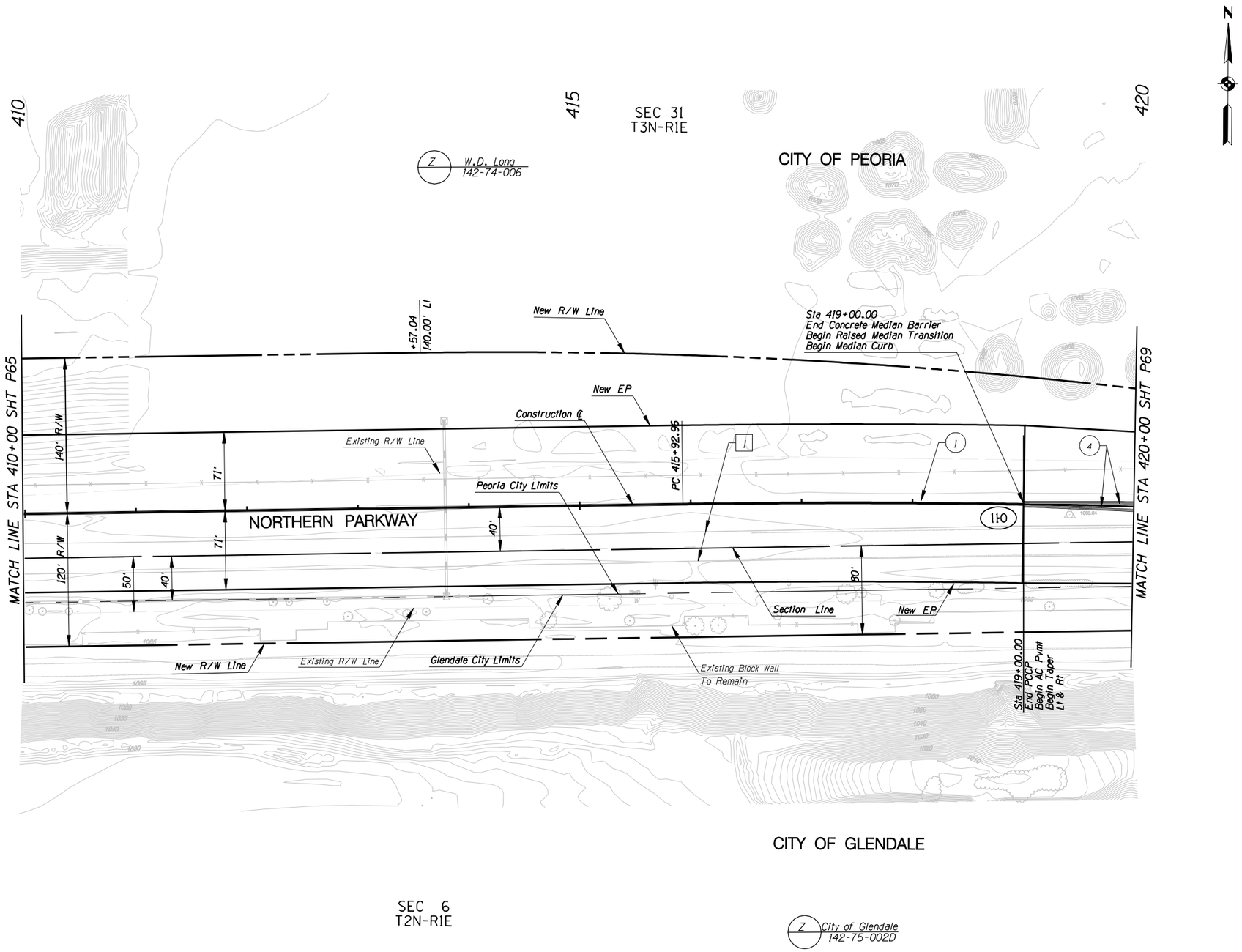
SHEET P66

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T108pr34.dgn

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



REMOVAL /RELOCATE

1 Remove Pvmt

CONSTRUCTION

1. New Median Barrier
2.
3.
4. New Median Curb

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

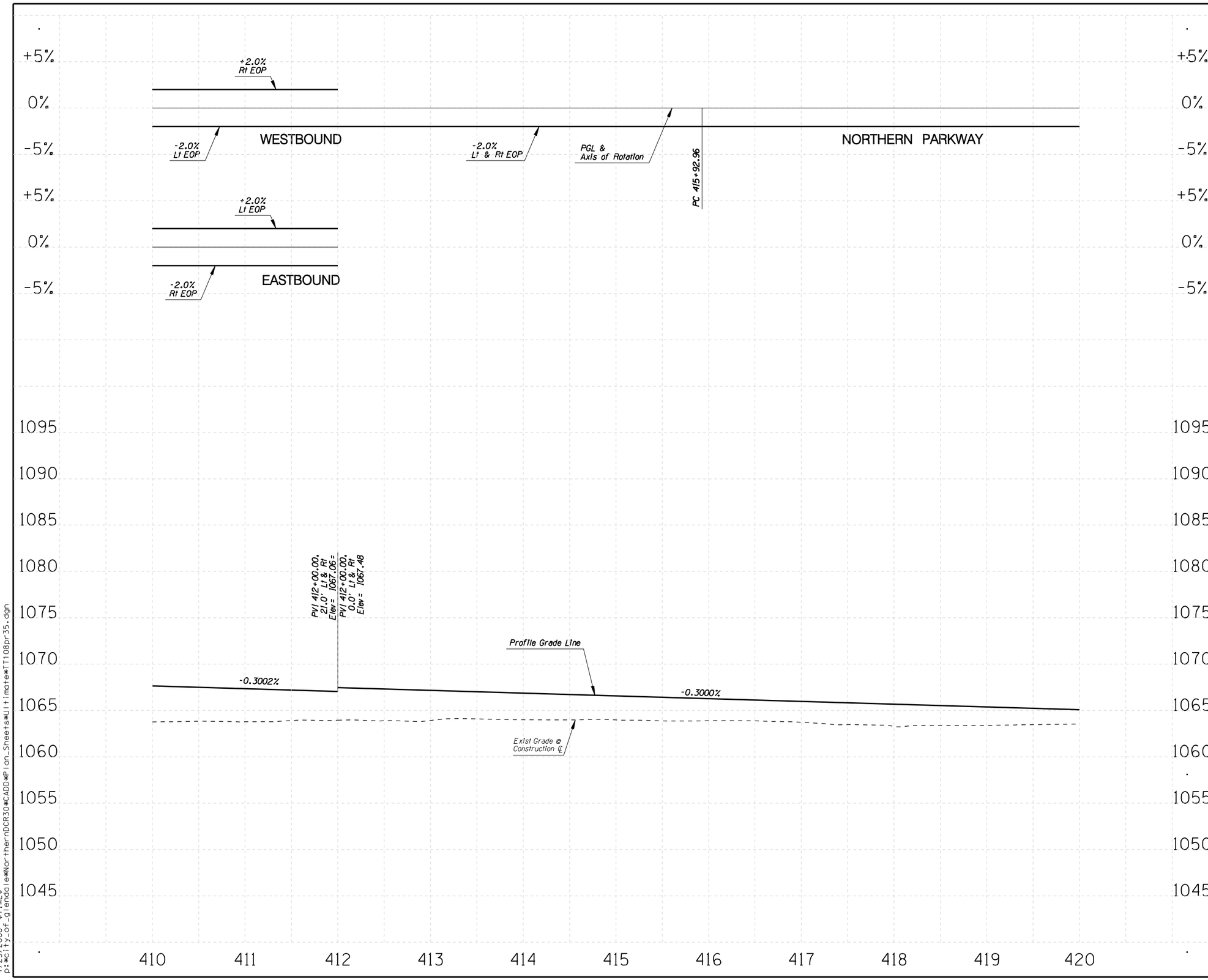
URS

PAVING PLAN SHEET
STA 410+00 TO STA 420+00

SHEET P67

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p135.dgn



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

☐ REMOVAL /RELOCATE ☐

1

○ CONSTRUCTION ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 410+00 TO STA 420+00

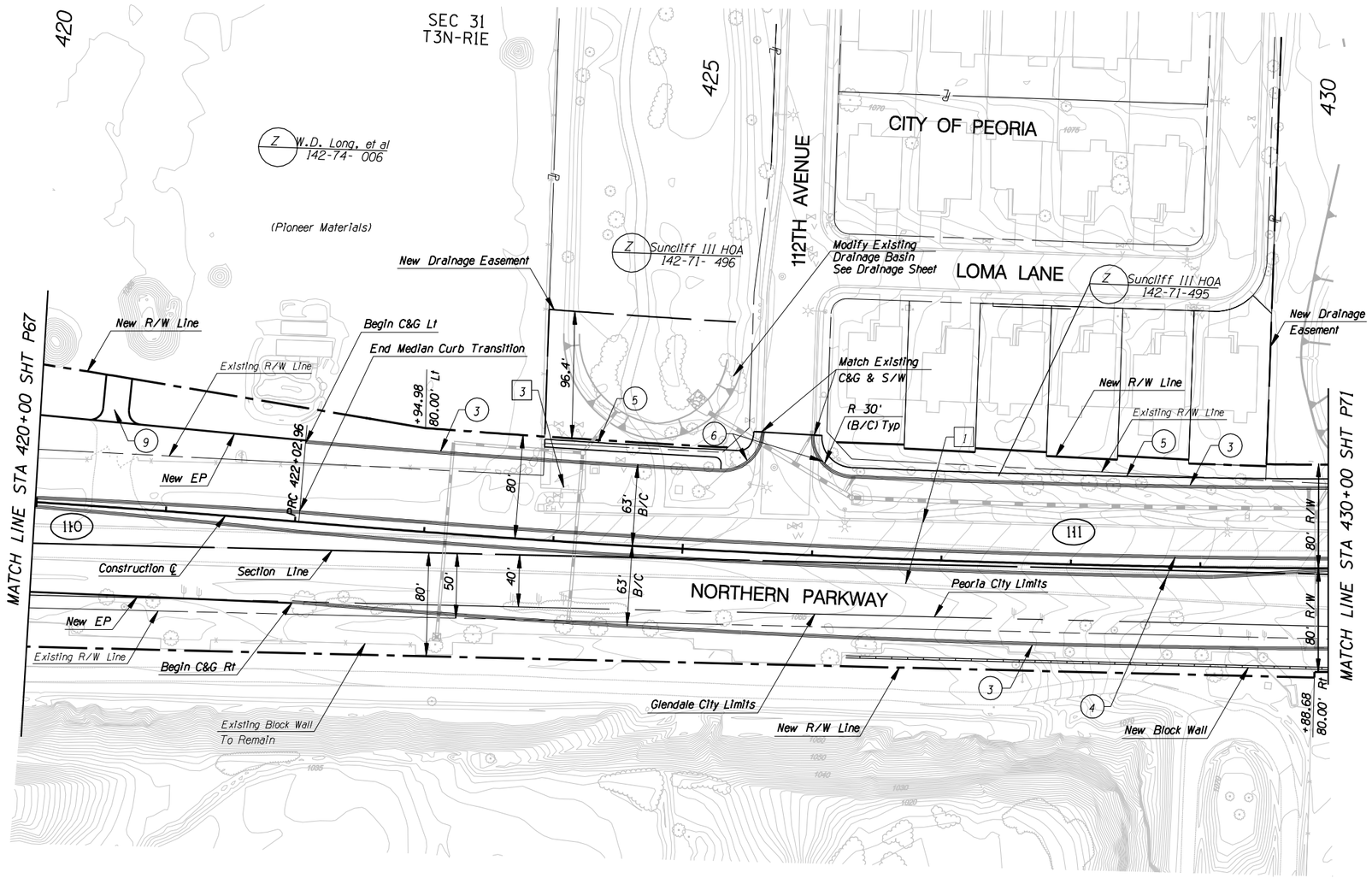
SHEET P68

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr35.dgn

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



REMOVAL /RELOCATE

1. Remove Pvmt
2.
3. Relocate Wastewater Lift Station (Peoria)

CONSTRUCTION

1.
2.
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8.
9. New D/W @ Existing D/W Location

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

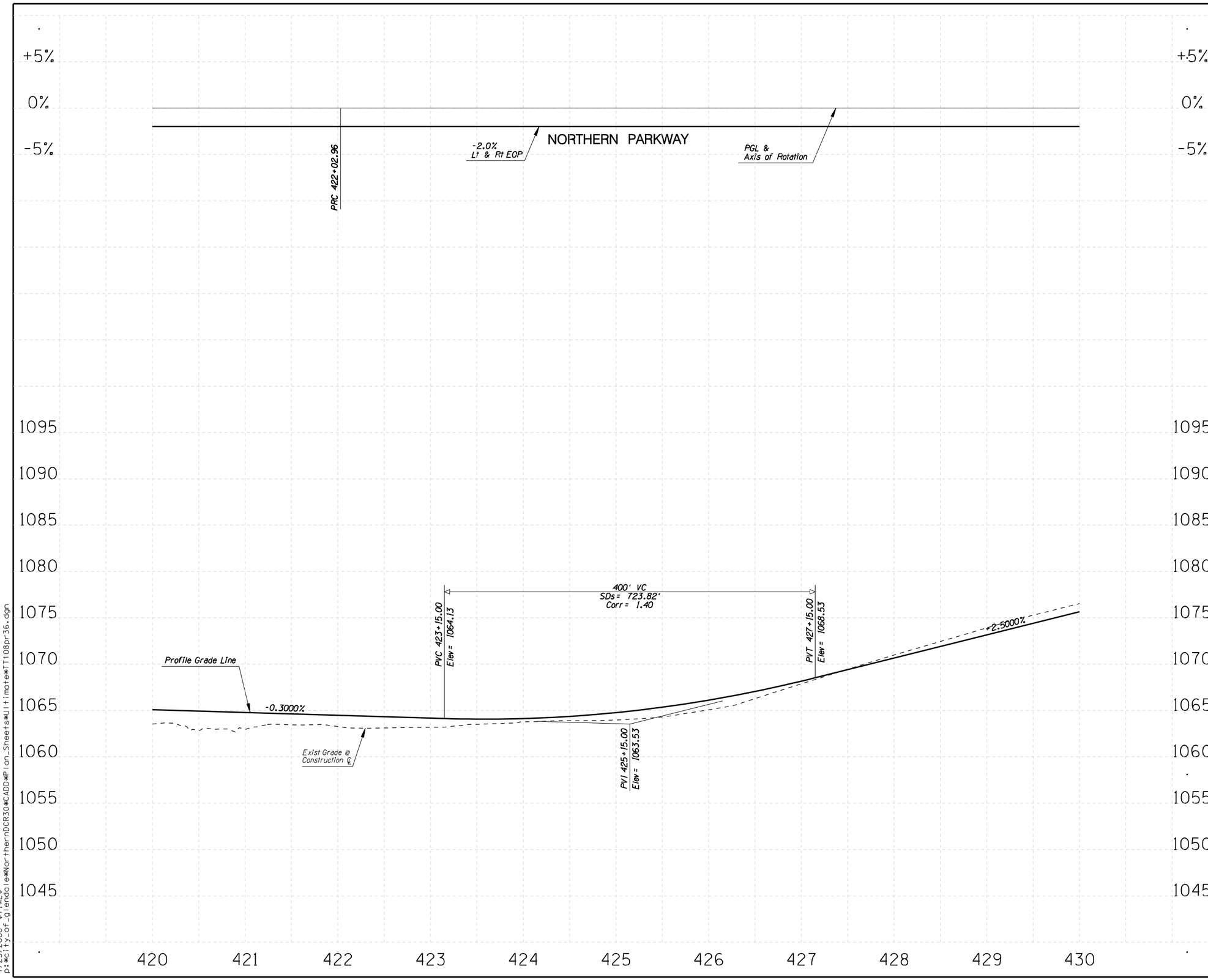
PAVING PLAN SHEET
STA 420+00 TO STA 430+00

SHEET P69

TRACS NO. 0000 MA MMA SS593 01C

English

6/4/2009 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*T108pl36.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 420+00 TO STA 430+00

SHEET P70

TRACS NO. 0000 MA MMA SS593 01C

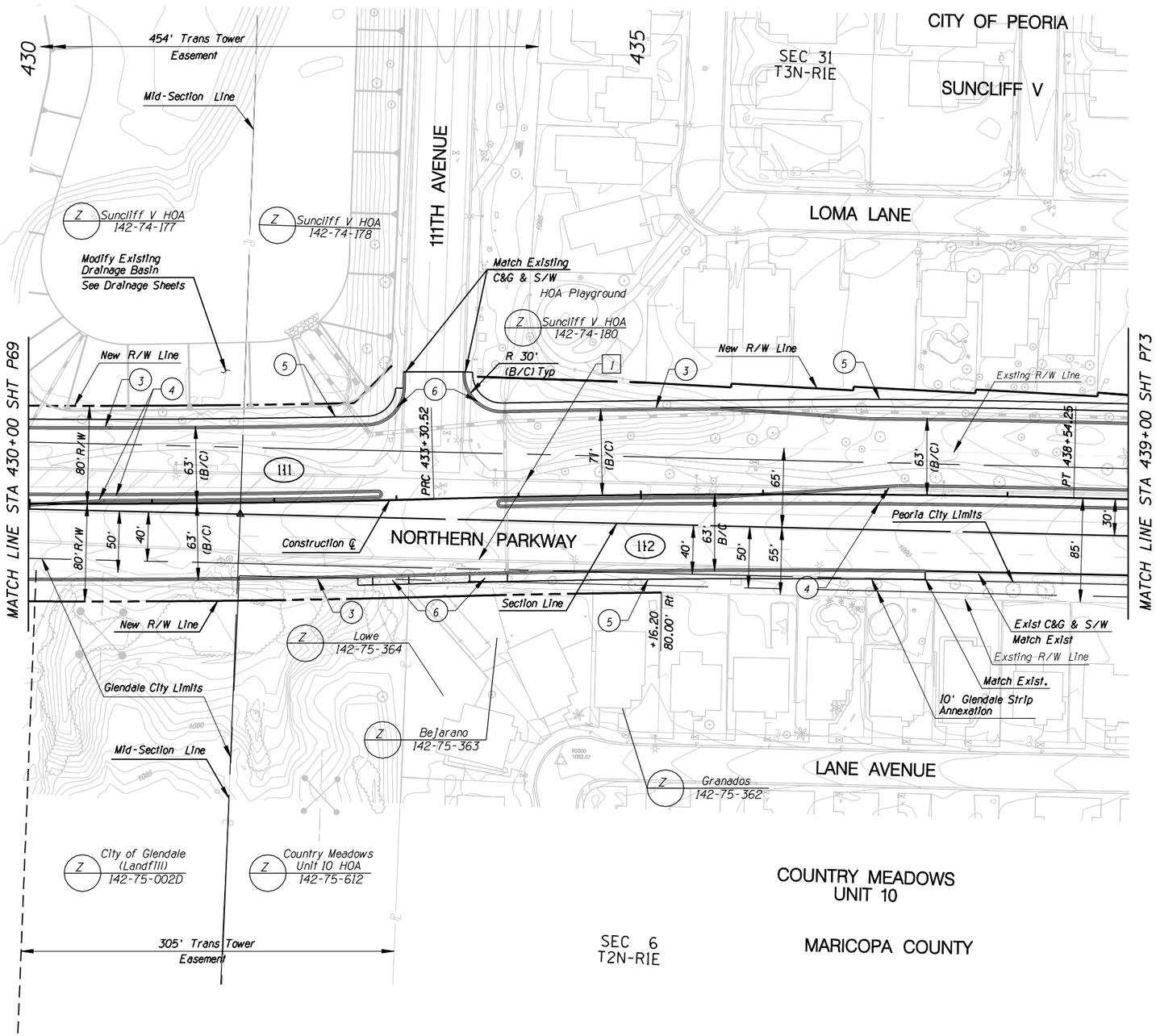
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr36.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



CONSTRUCTION

1
2
3 New Curb & Gutter
4 New Median Curb
5 New S/W
6 New S/W Ramp

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

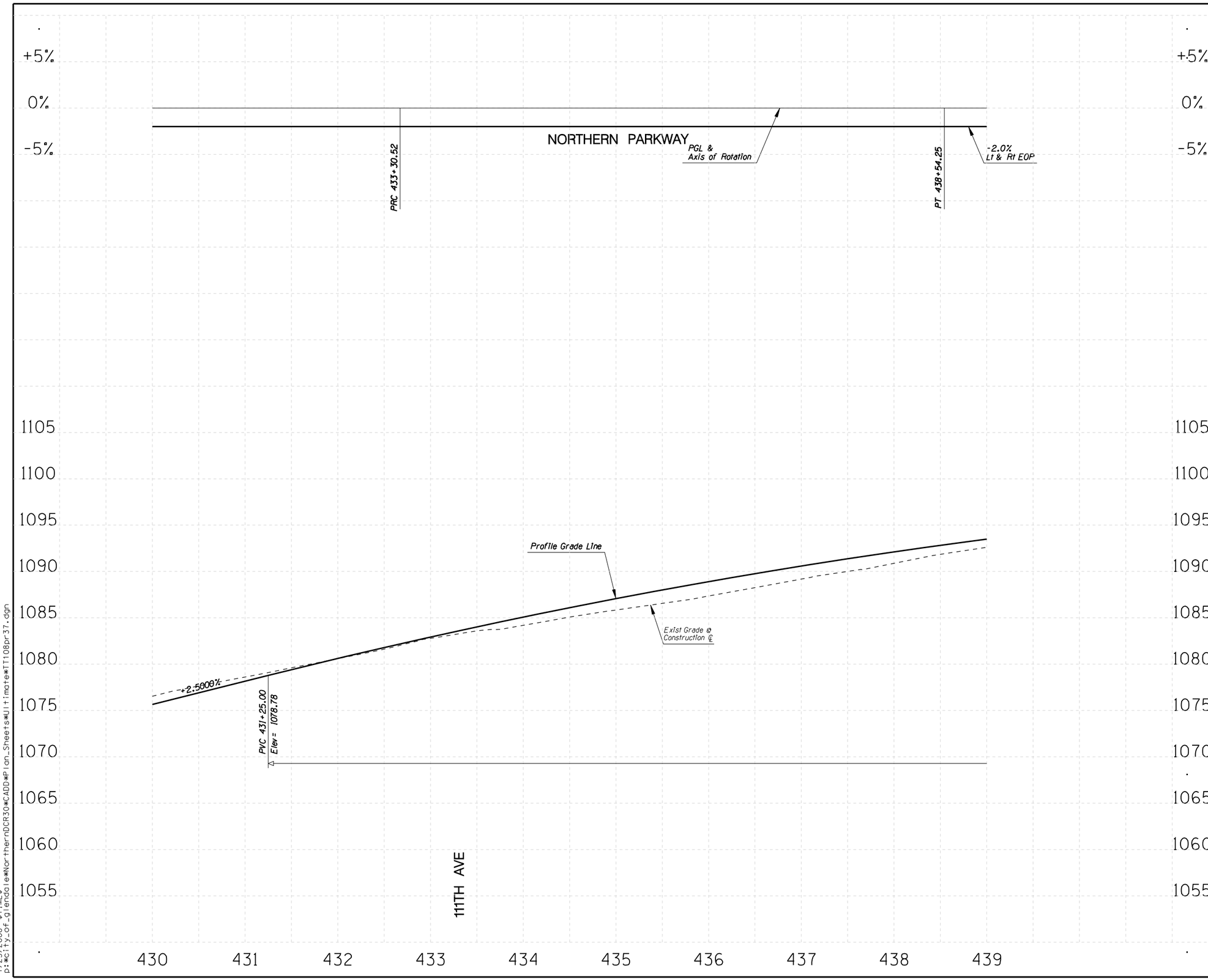
PAVING PLAN SHEET
STA 430+00 TO STA 439+00

SHEET P71

TRACS NO. 0000 MA MMA SS593 OIC

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p137.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

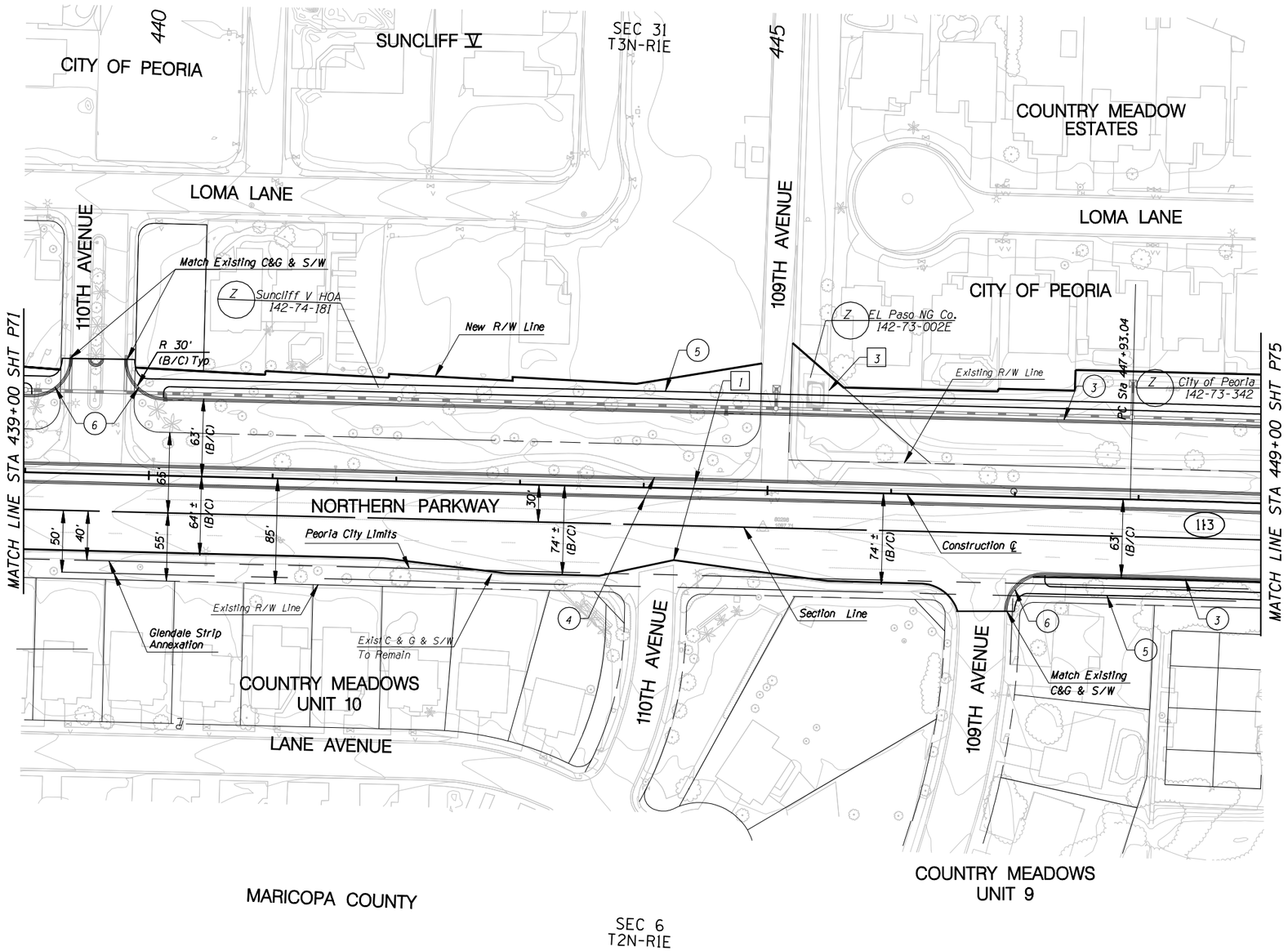
PROFILE SHEET
STA 430+00 TO STA 439+00

SHEET P72

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr37.dgn



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

REMOVAL /RELOCATE

1. Remove Pvmt
2.
3. Relocate EPNG "Piglauncher" Facility

CONSTRUCTION

1.
2.
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp

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	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

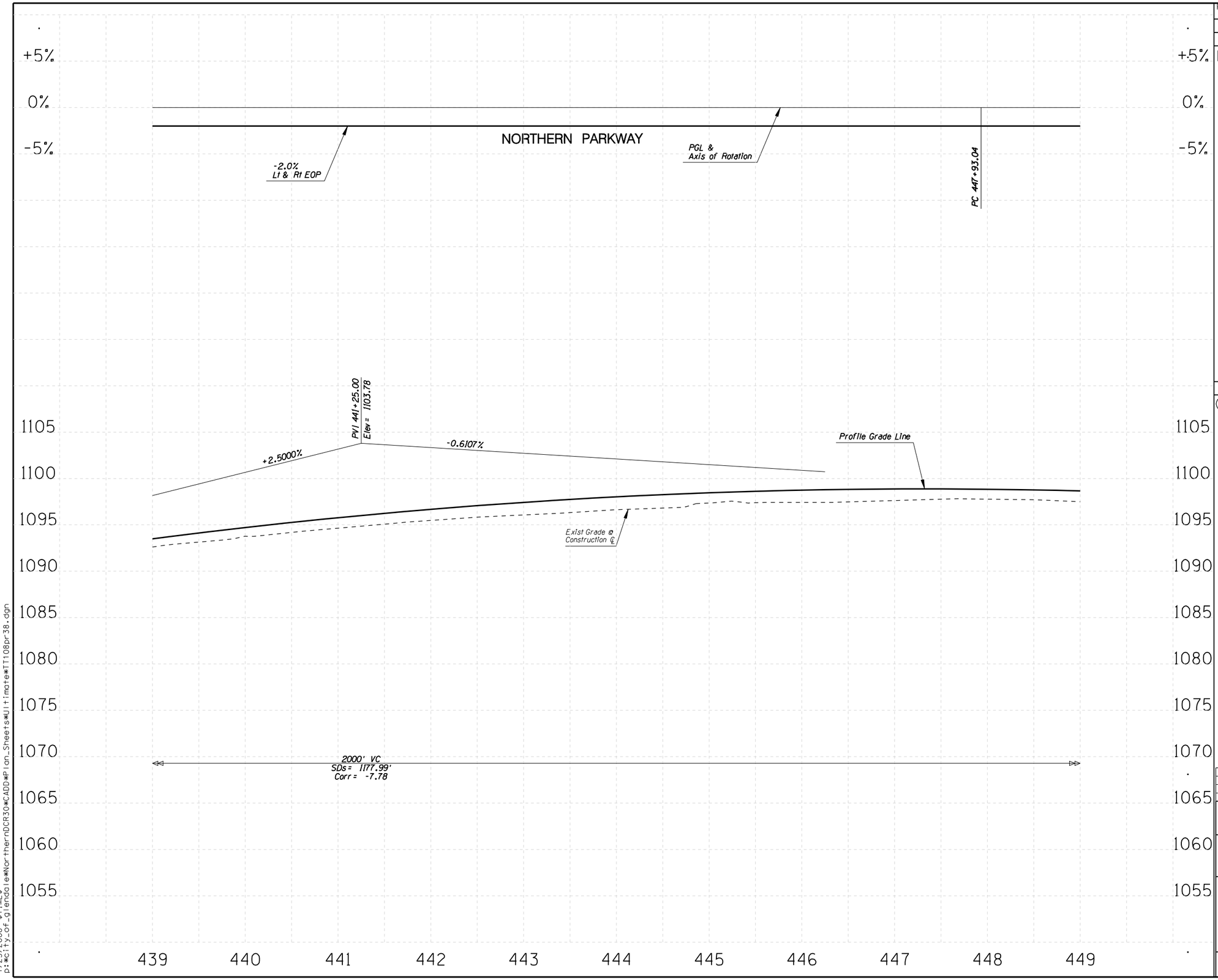
PAVING PLAN SHEET
STA 439+00 TO STA 449+00

SHEET
P73

TRACS NO. 0000 MA MMA SS593 01C

English

5/29/2009 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*T1108p138.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 439+00 TO STA 449+00

SHEET
P74

TRACS NO. 0000 MA MMA SS593 01C

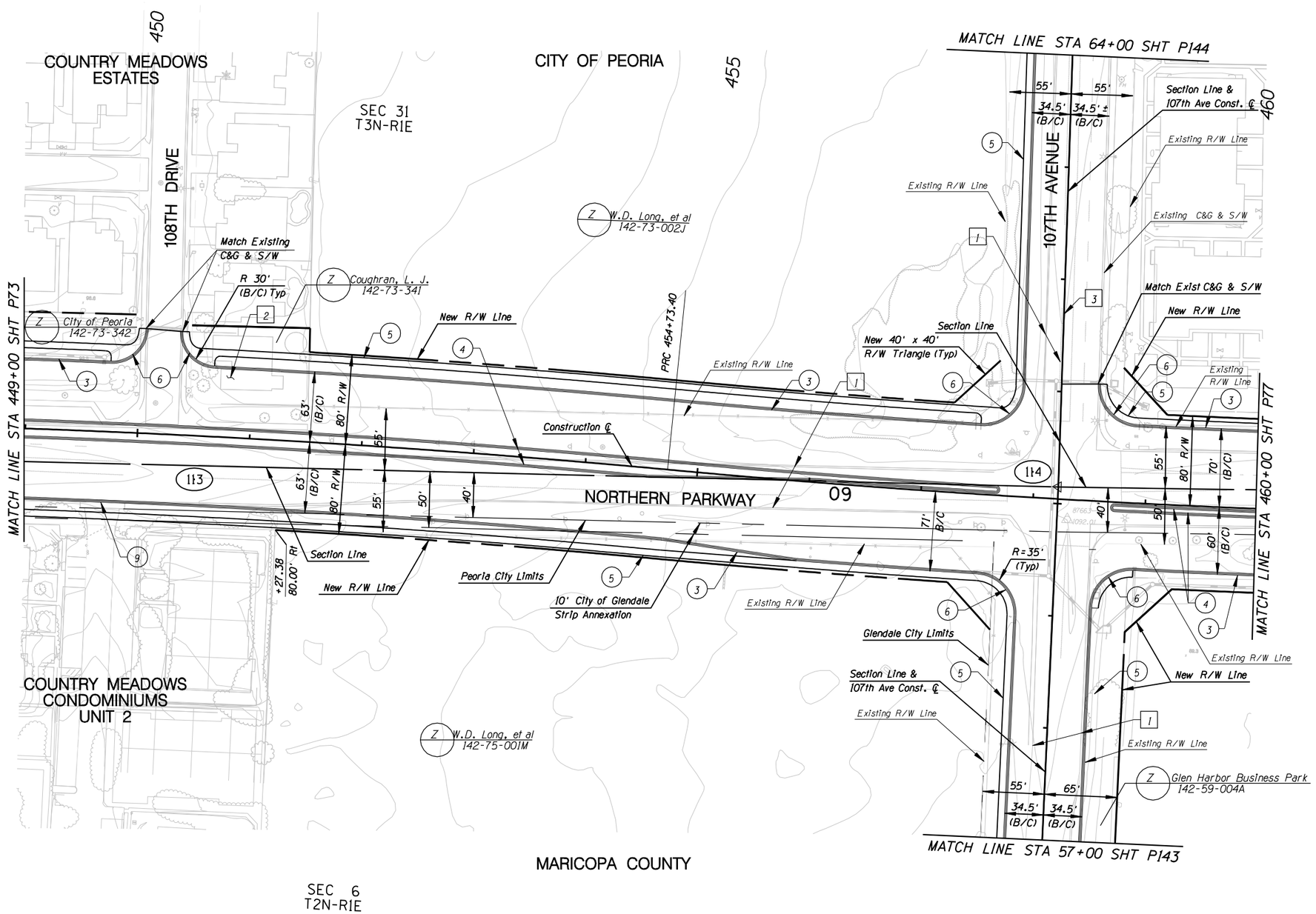
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T108pr38.dgn

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

REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove House
3. Sawcut



CONSTRUCTION

1.
2.
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8.
9. New D/W at Existing D/W Location

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

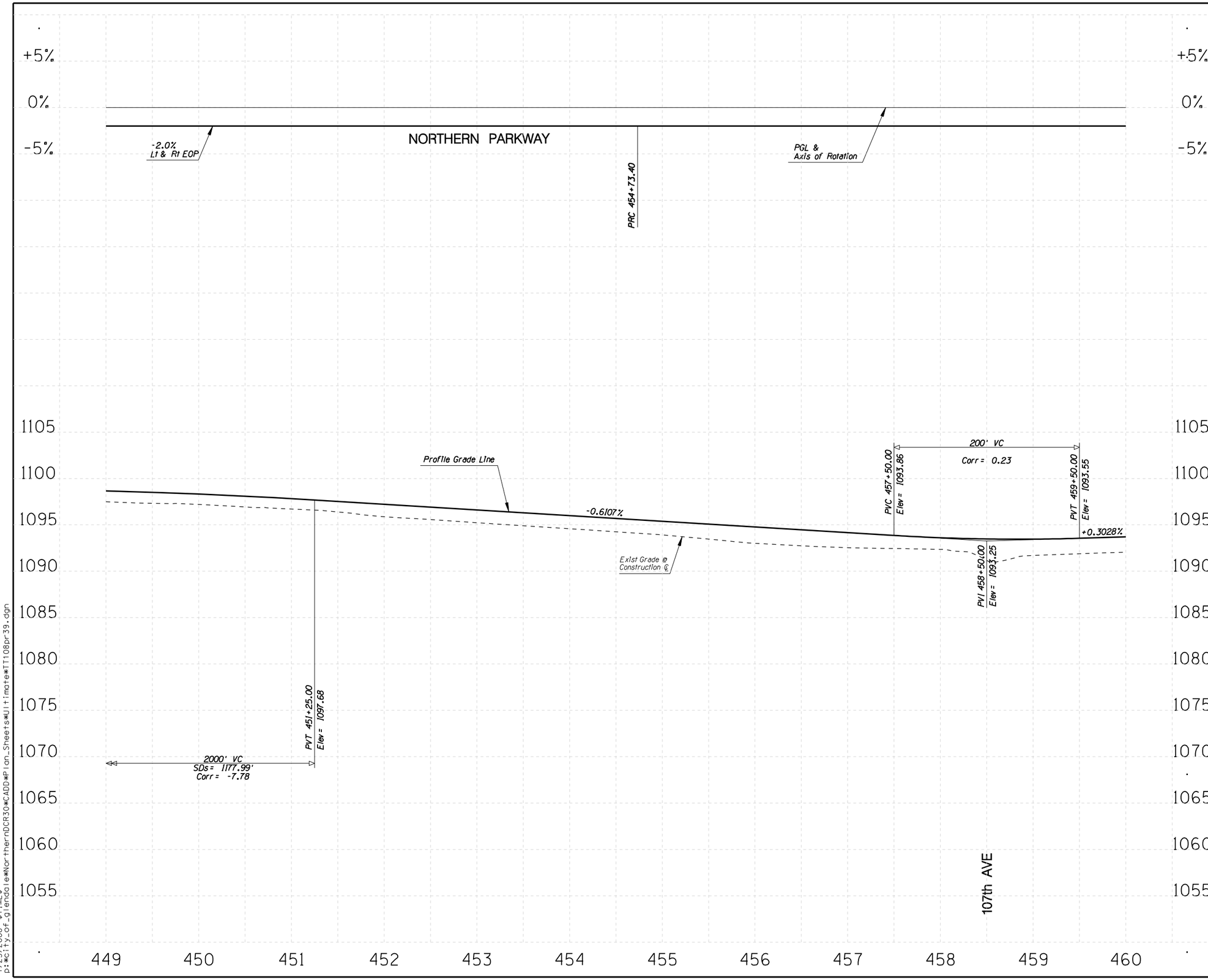
PAVING PLAN SHEET
STA 449+00 TO STA 460+00

SHEET P75

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p139.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

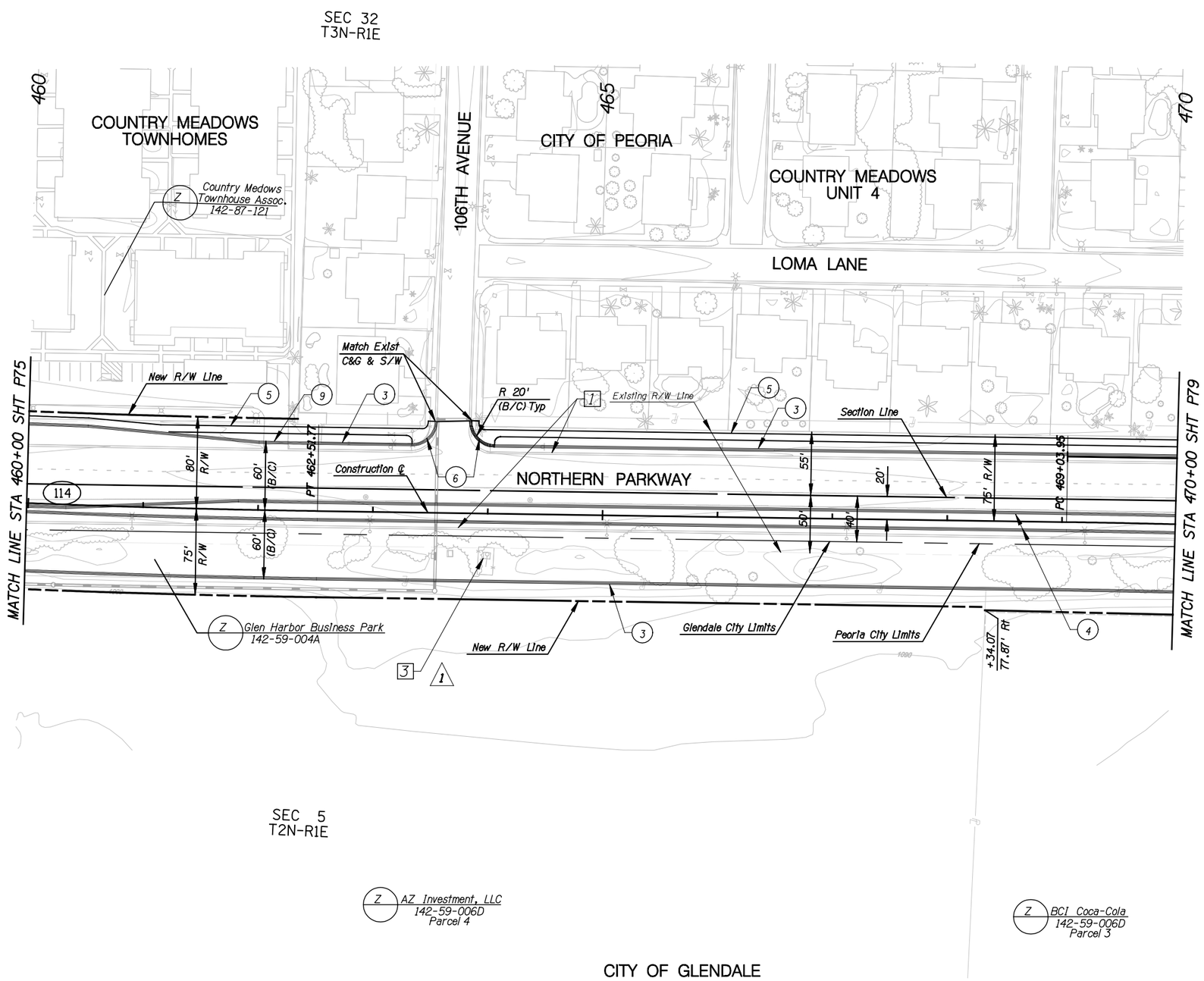
PROFILE SHEET
STA 449+00 TO STA 460+00

SHEET
P76

TRACS NO. 0000 MA MMA SS593 OIC

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr39.dgn



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

REMOVAL /RELOCATE

1. Remove Pvmt
2.
3. Relocate Well Site

CONSTRUCTION

1.
2.
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8.
9. New D/W at Existing D/W Location

NO.	REVISION	BY	DATE
3			
2			
1	Add Well Site	RWM	4/26/10

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

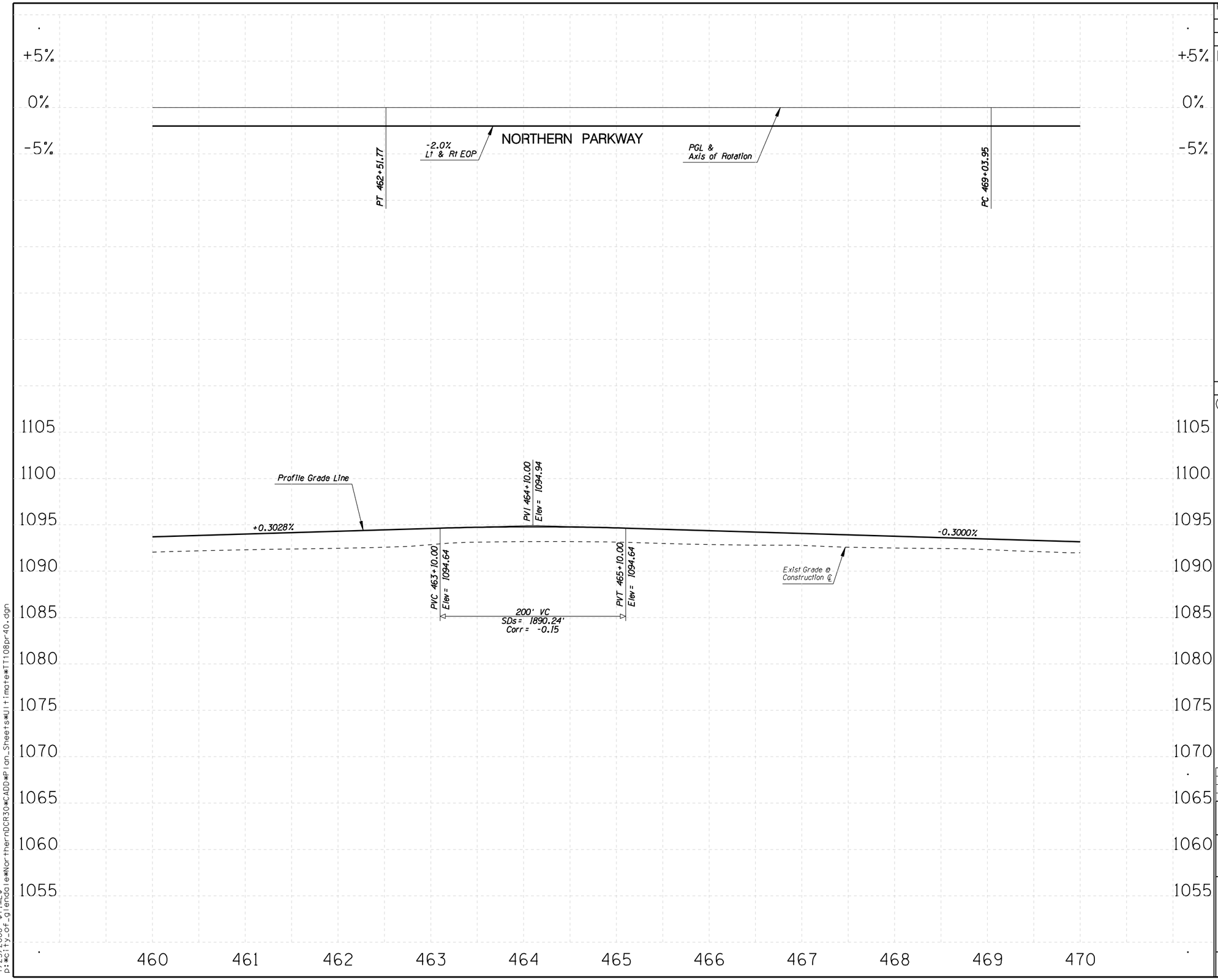
PAVING PLAN SHEET
STA 460+00 TO STA 470+00

SHEET
P77

TRACS NO. 0000 MA MMA SS593 01C

English

McDot Pen Table2_2010.tbl
8/26/2010 $TIME$
P:\City_of_Glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pl40.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 460+00 TO STA 470+00

SHEET
P78

TRACS NO. 0000 MA MMA SS593 01C

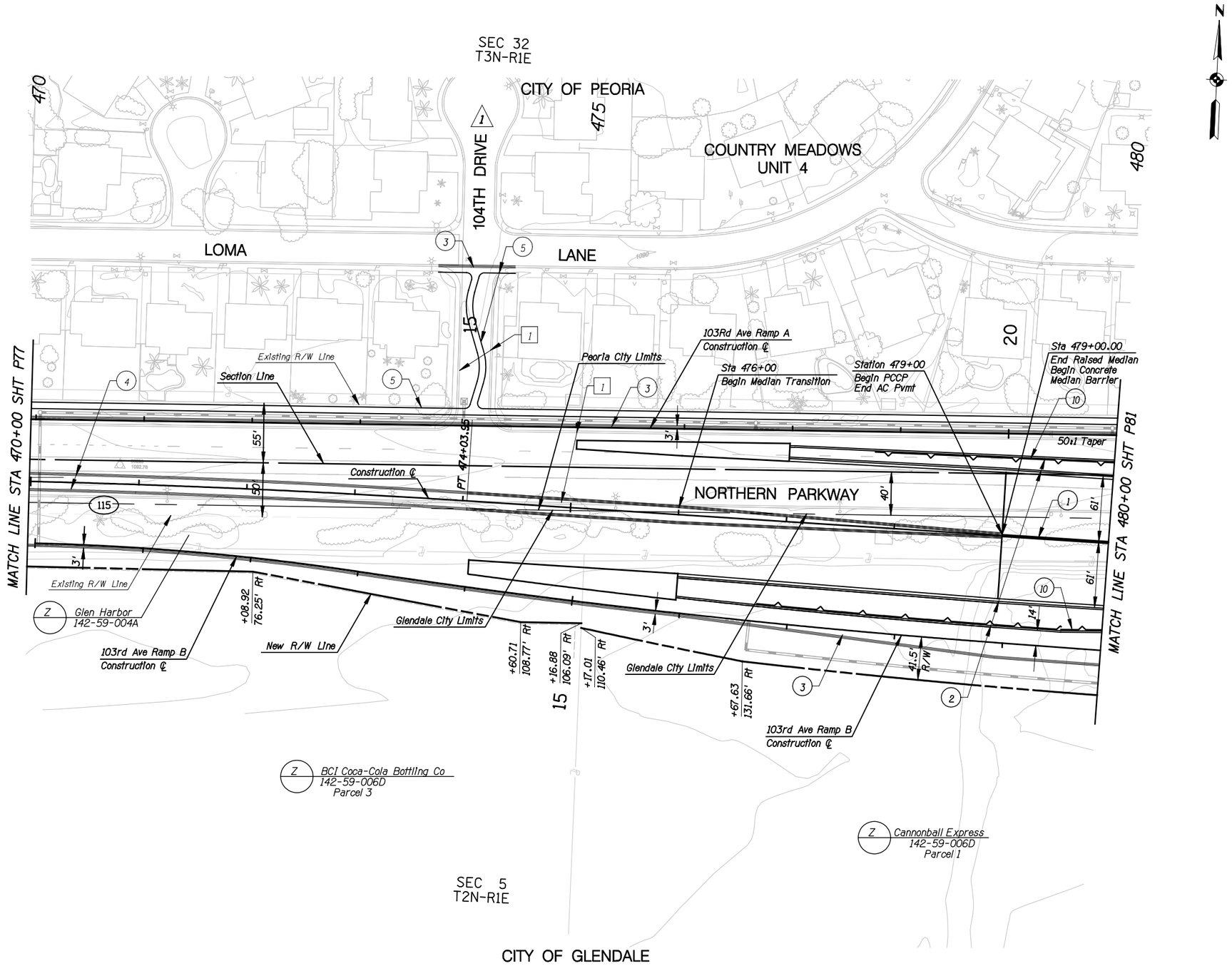
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr40.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



○ **CONSTRUCTION** ○

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6.
7.
8.
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1	Correct Street Name	RWM	4/26/10

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

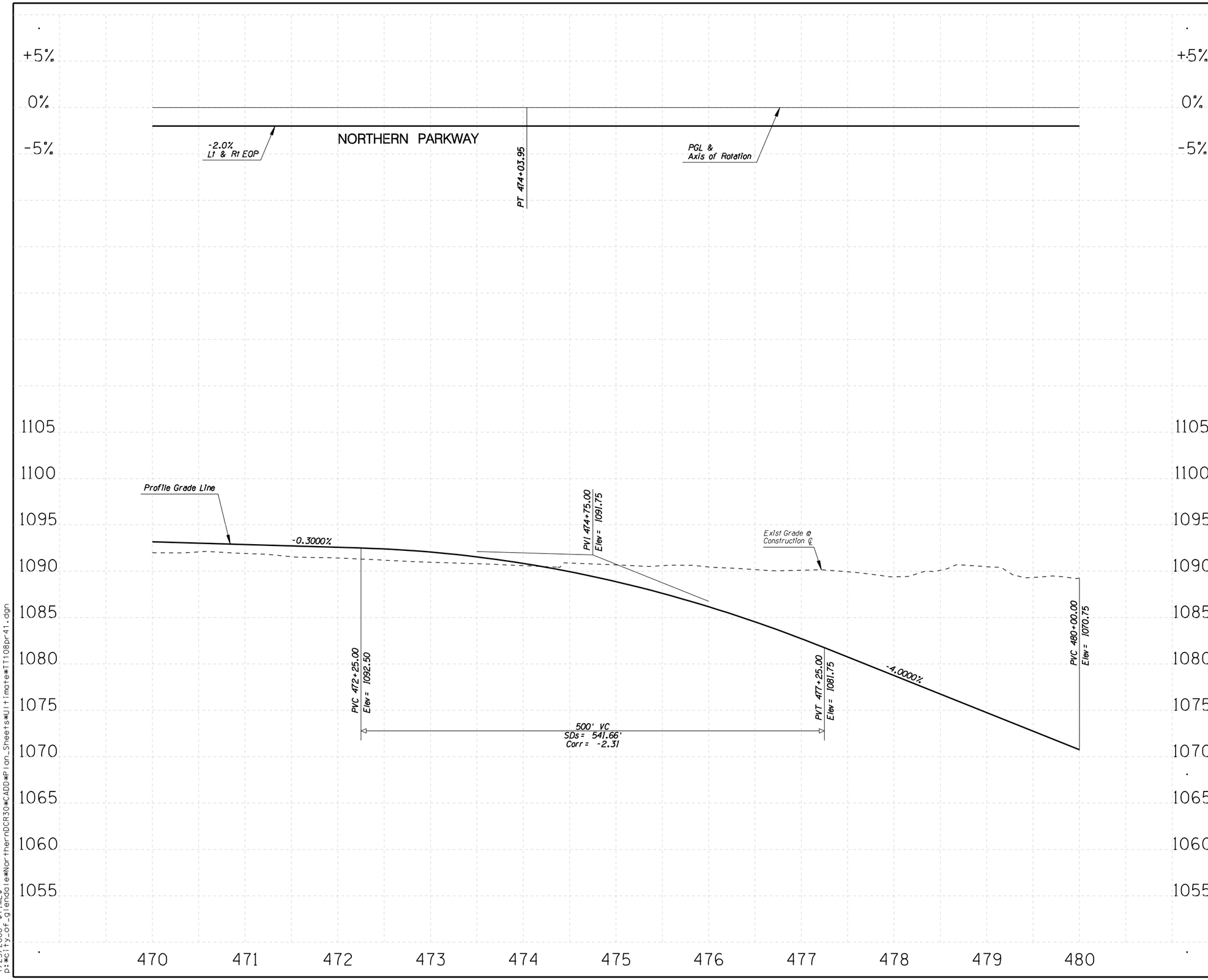
PAVING PLAN SHEET
STA 470+00 TO STA 480+00

SHEET P79

TRACS NO. 0000 MA MMA SS593 01C

English

McDot Pen Table2_2010.tbl
8/26/2010 $TIME$
P:\City_Of_Glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p141.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 470+00 TO STA 480+00

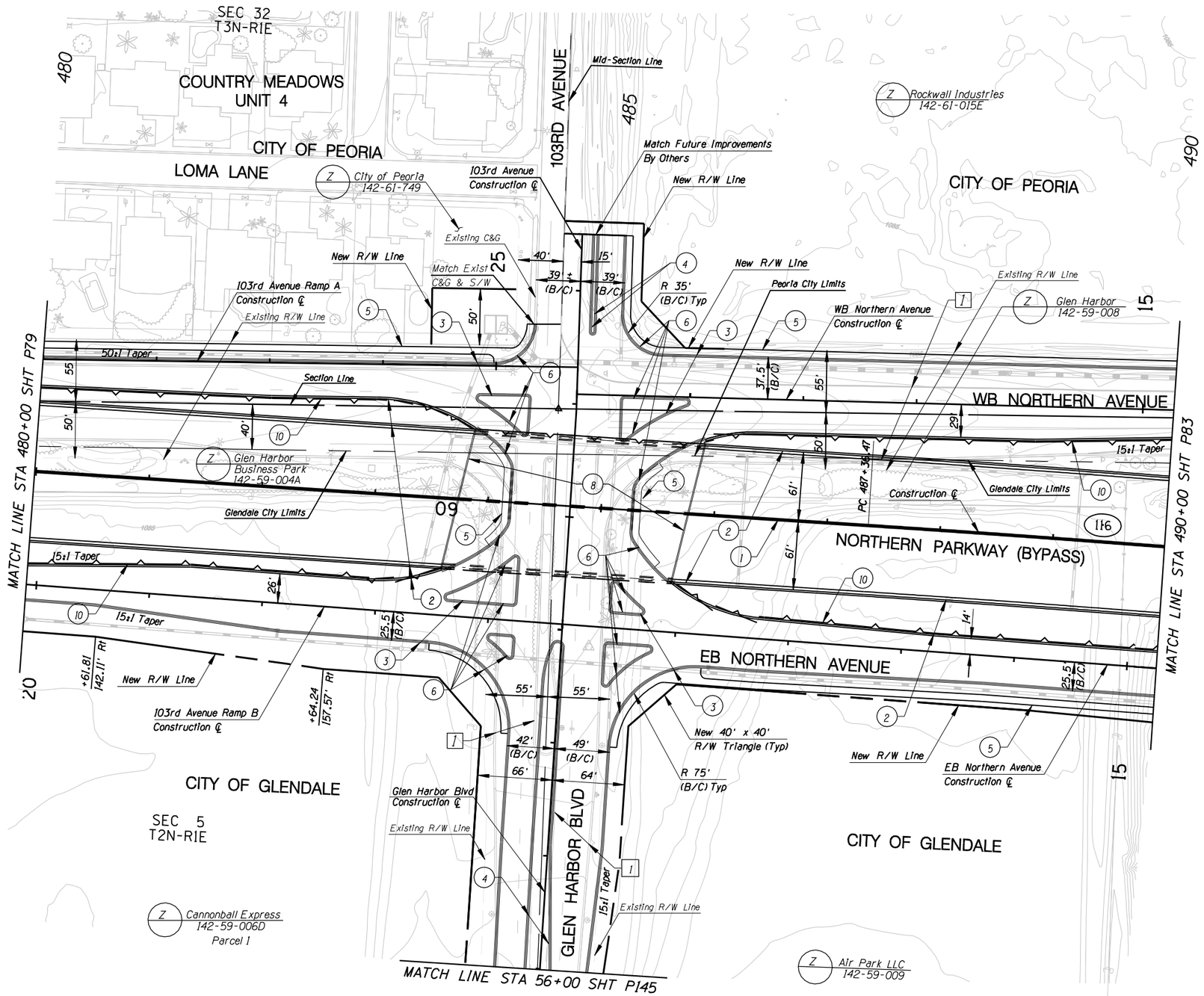
SHEET
P80

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr41.dgn

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



REMOVAL /RELOCATE

1 Remove Pvmt

CONSTRUCTION

1. New Median Barrier
2. New Half barrer
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9.
10. New Retaining Wall

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

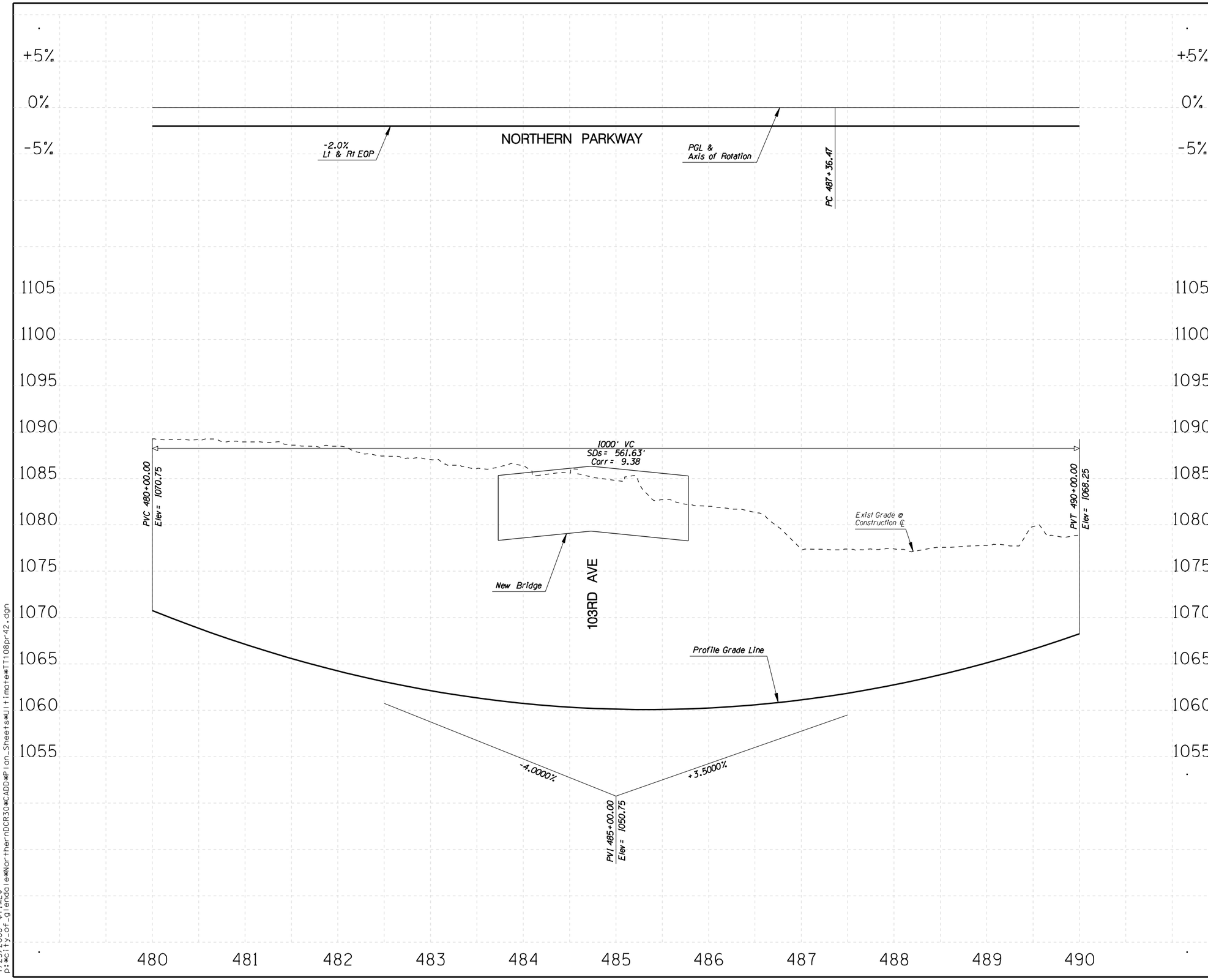
URS

PAVING PLAN SHEET
STA 480+00 TO STA 490+00

SHEET P81

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p142.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 480+00 TO STA 490+00

SHEET
P82

TRACS NO. 0000 MA MMA SS593 01C

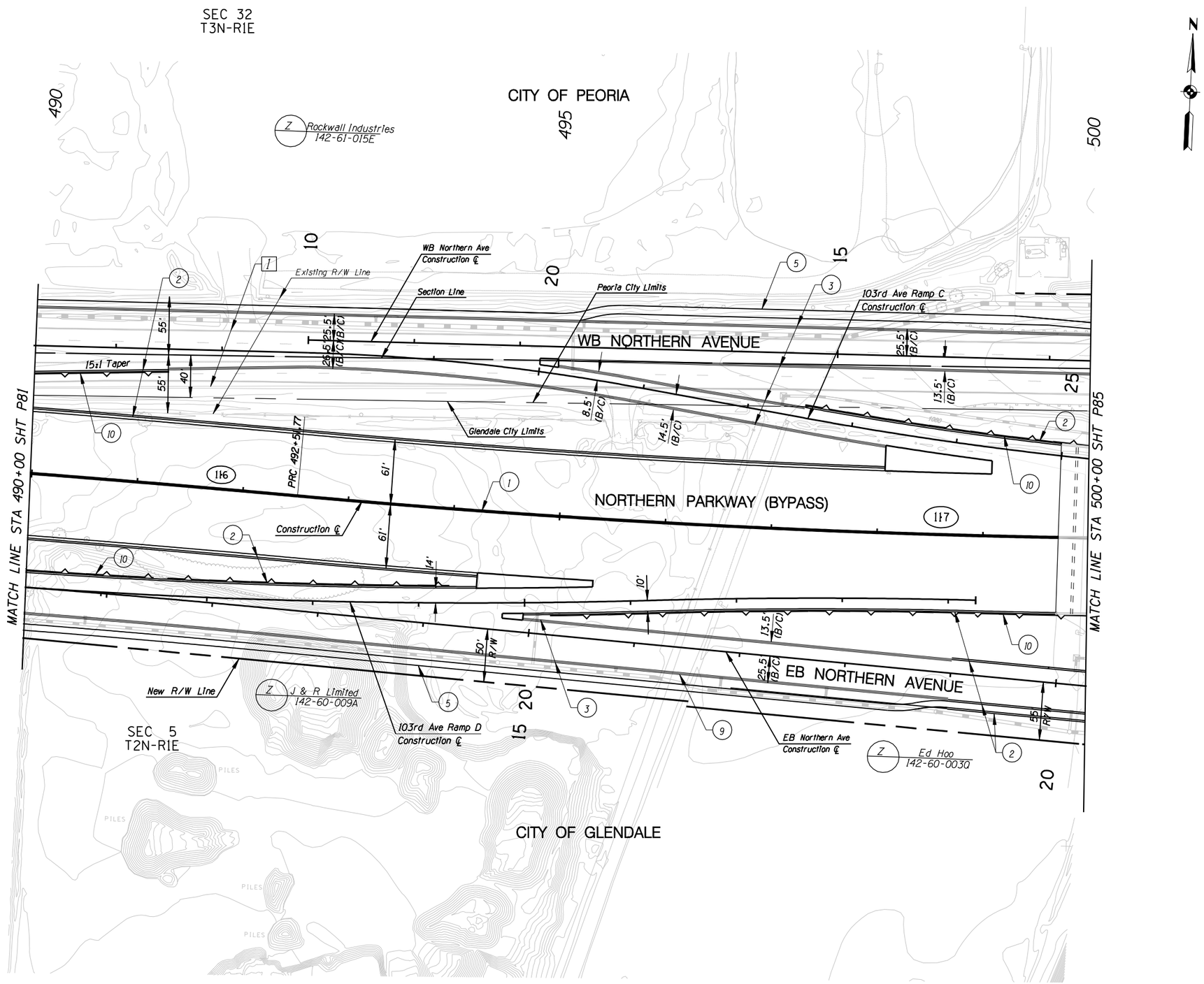
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr42.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4.
5. New S/W
6.
7.
8.
9. New D/W at Existing D/W Location
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

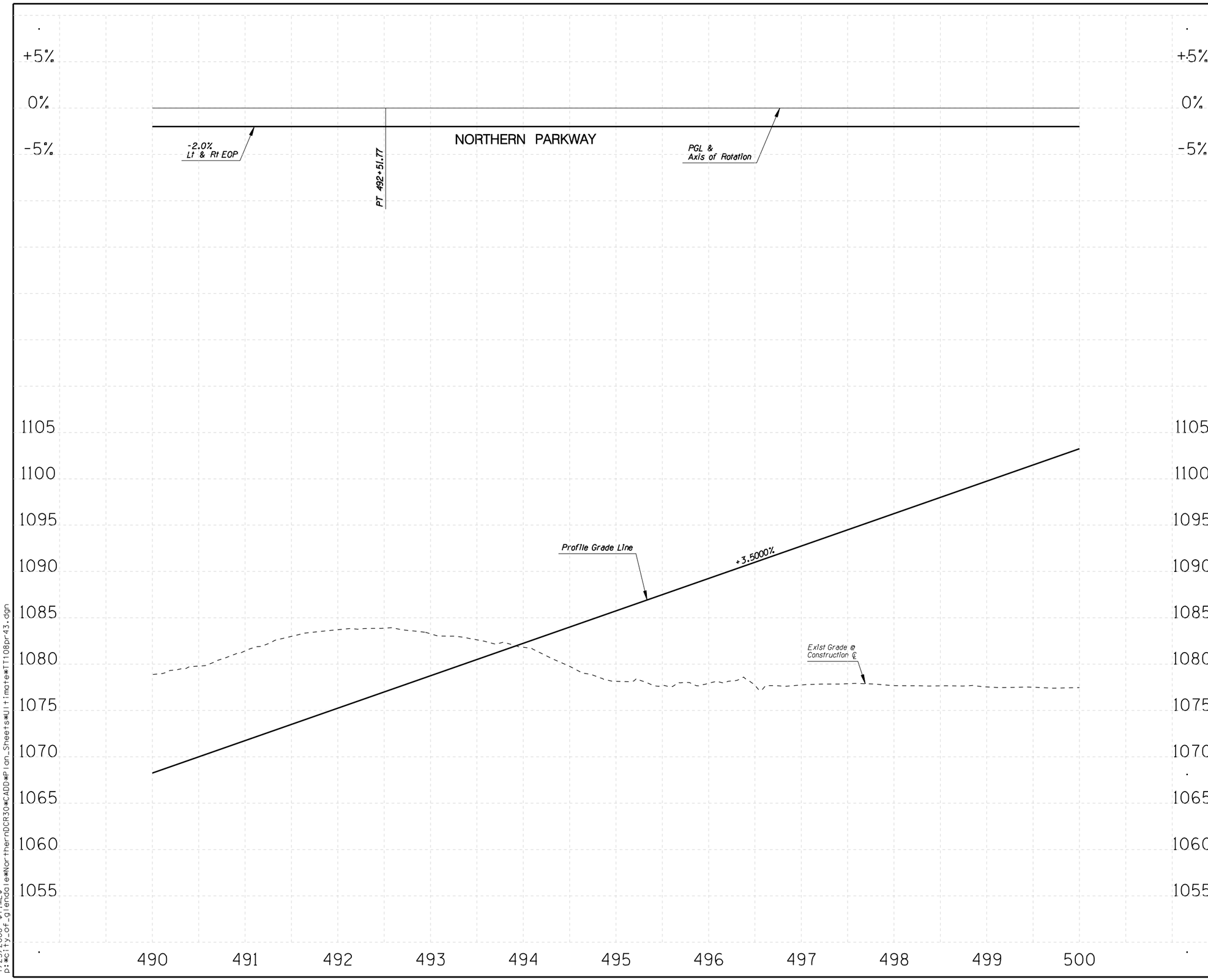
PAVING PLAN SHEET
STA 490+00 TO STA 500+00

SHEET P83

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p143.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 490+00 TO STA 500+00

SHEET P84

TRACS NO. 0000 MA MMA SS593 01C

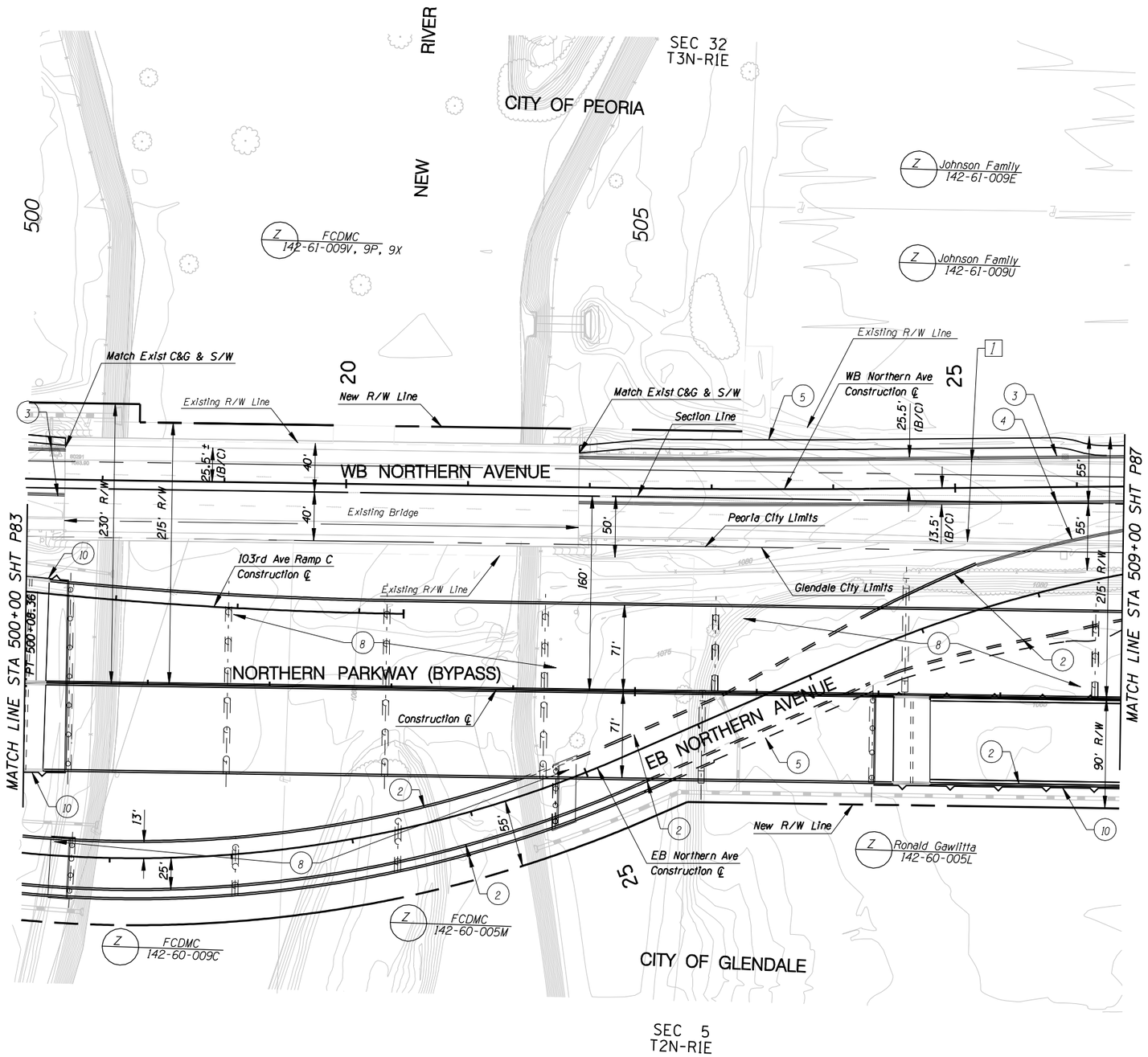
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr43.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



○ **CONSTRUCTION** ○

1. New Median Barrier
2. New Half Barrier (Bridge)
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6.
7.
8. New Bridge
9.
10. New Retaining Wall

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

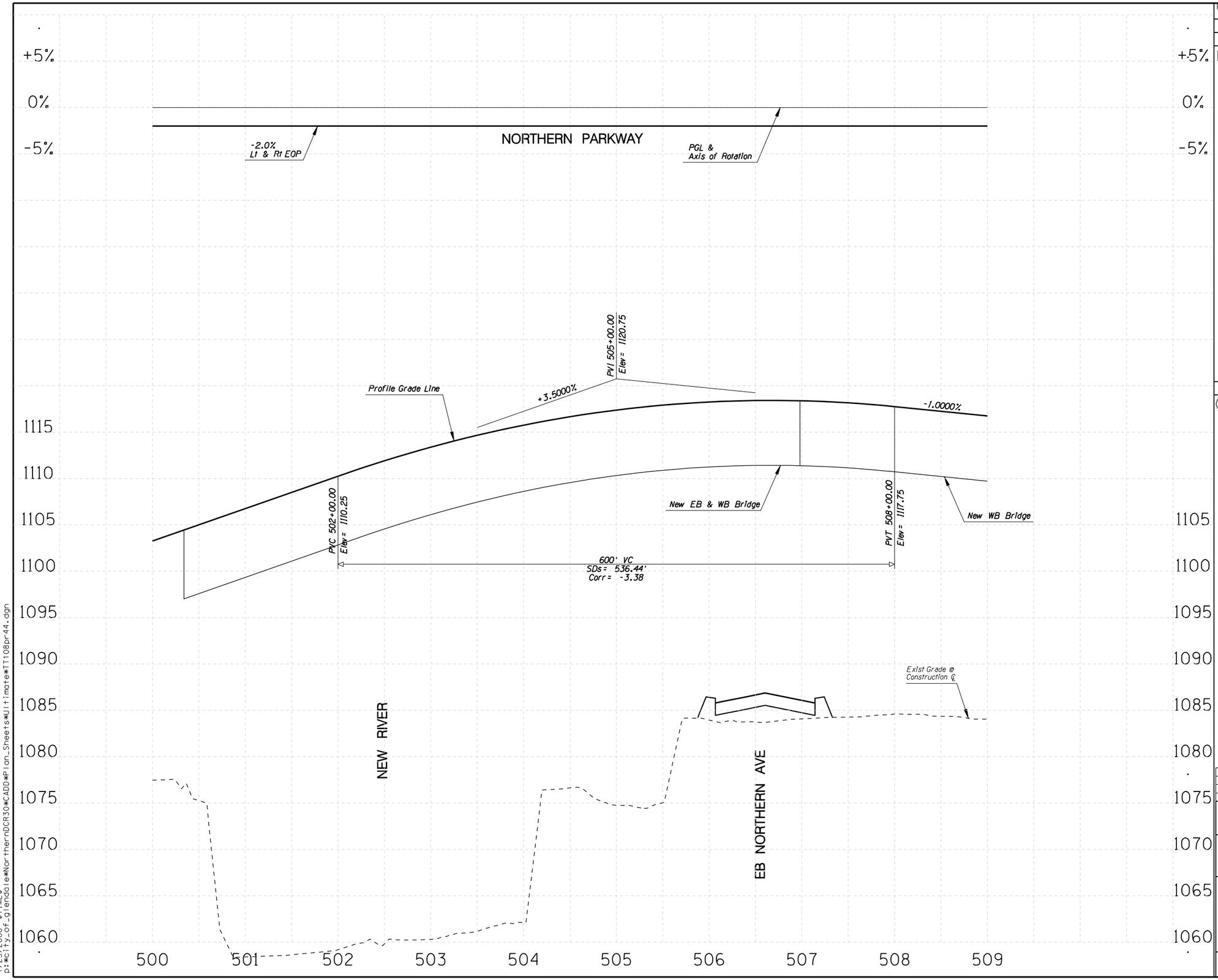
PAVING PLAN SHEET
STA 500+00 TO STA 509+00

SHEET P85

TRACS NO. 0000 MA MMA SS593 OIC

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p144.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 500+00 TO STA 509+00

SHEET P86

TRACS NO. 0000 MA MMA SS593 01C

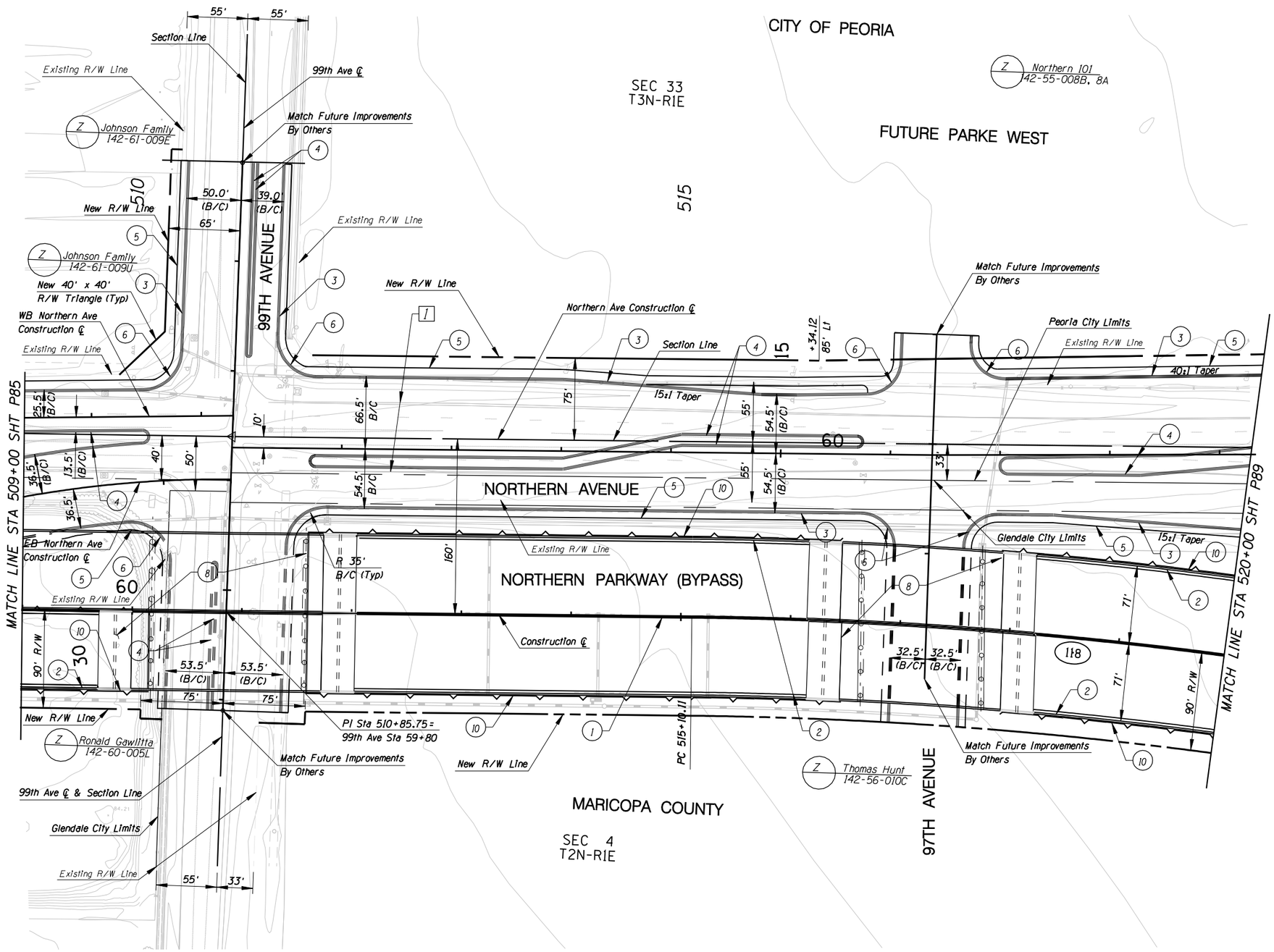
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr44.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

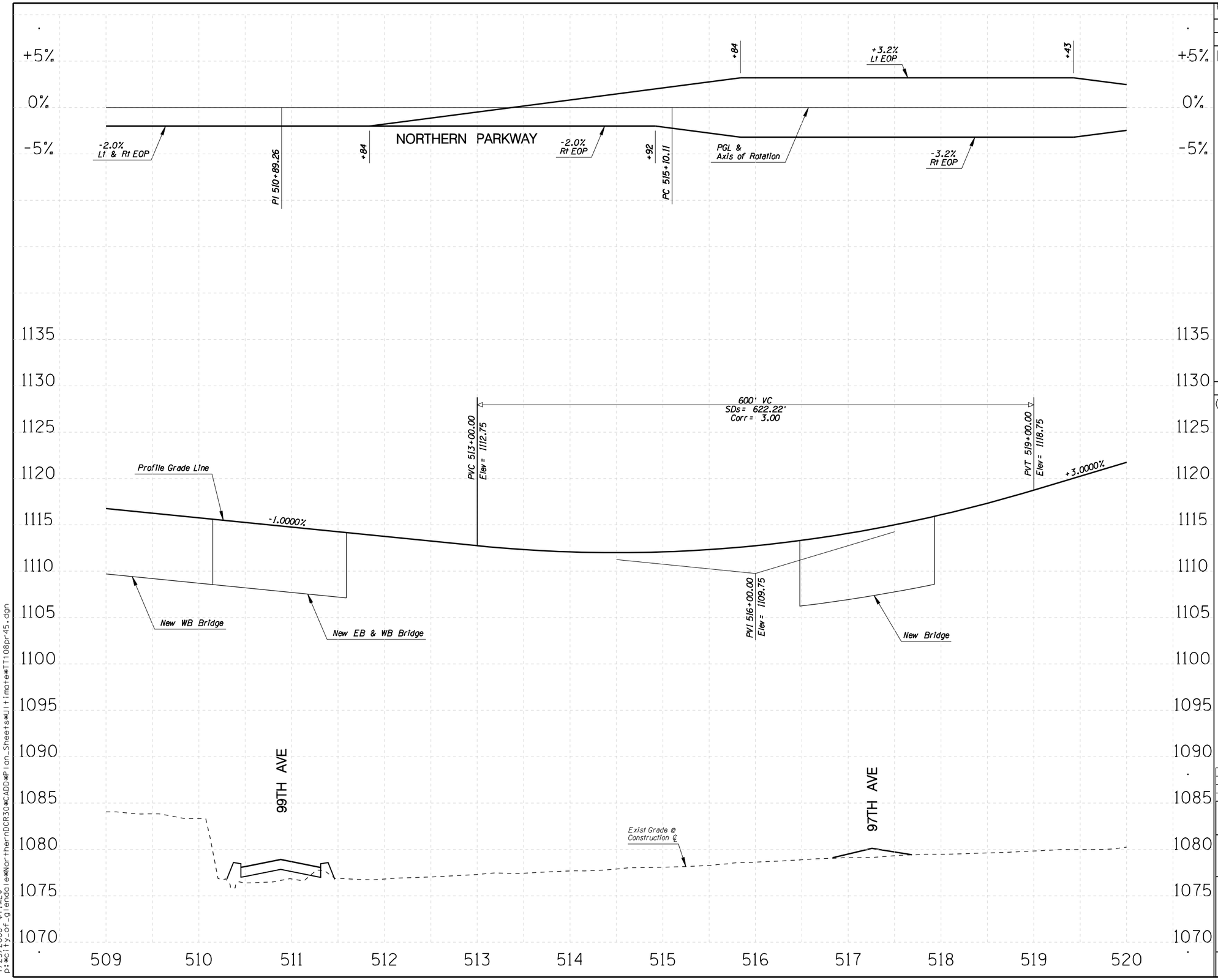
URS

PAVING PLAN SHEET
STA 509+00 TO STA 520+00

SHEET
P87

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p145.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 509+00 TO STA 520+00

SHEET
P88

TRACS NO. 0000 MA MMA SS593 01C

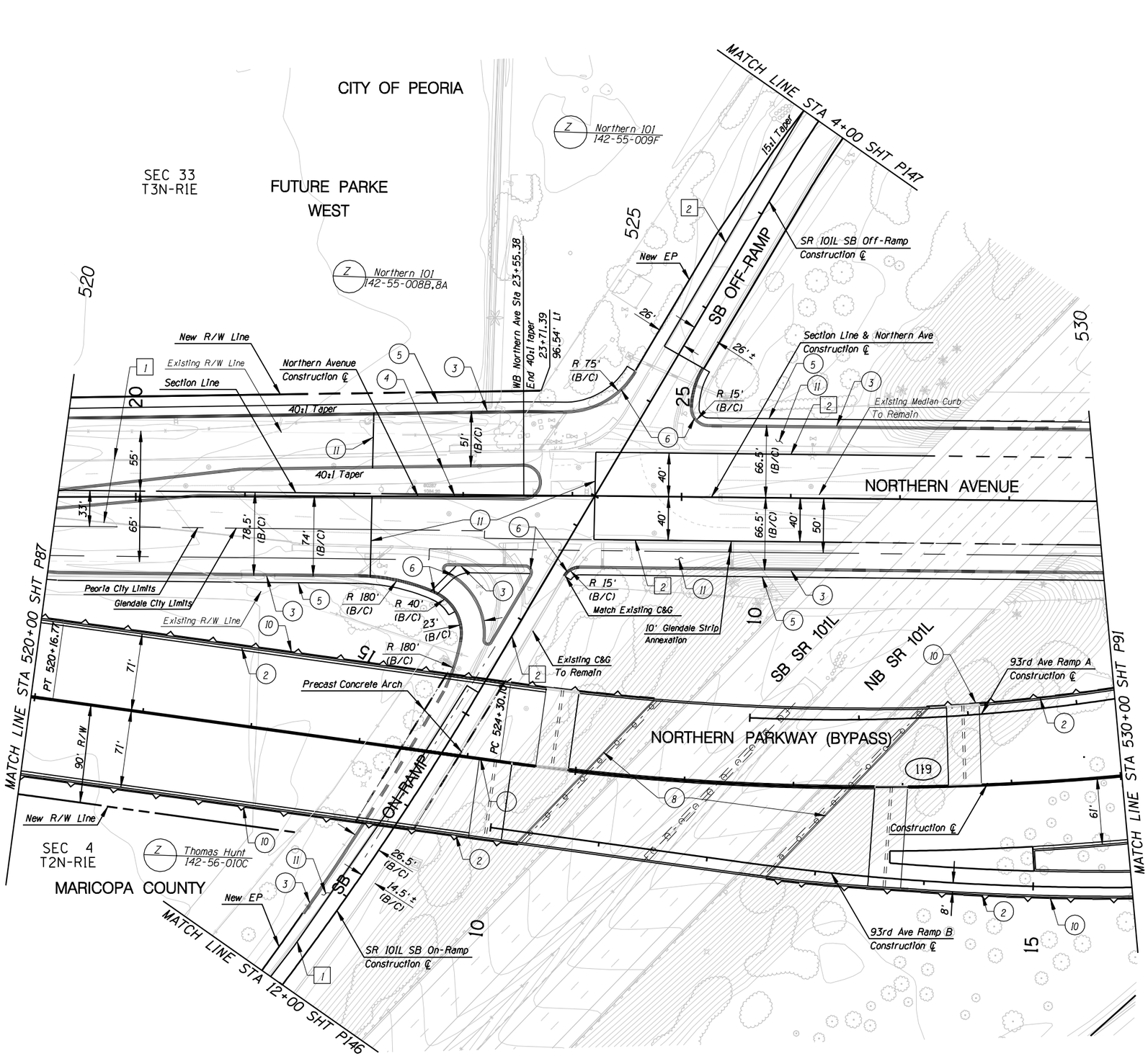
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr45.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1. Remove Pvmt
2. Sawcut



○ **CONSTRUCTION** ○

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9.
10. New Retaining Wall
11. New PCCP

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

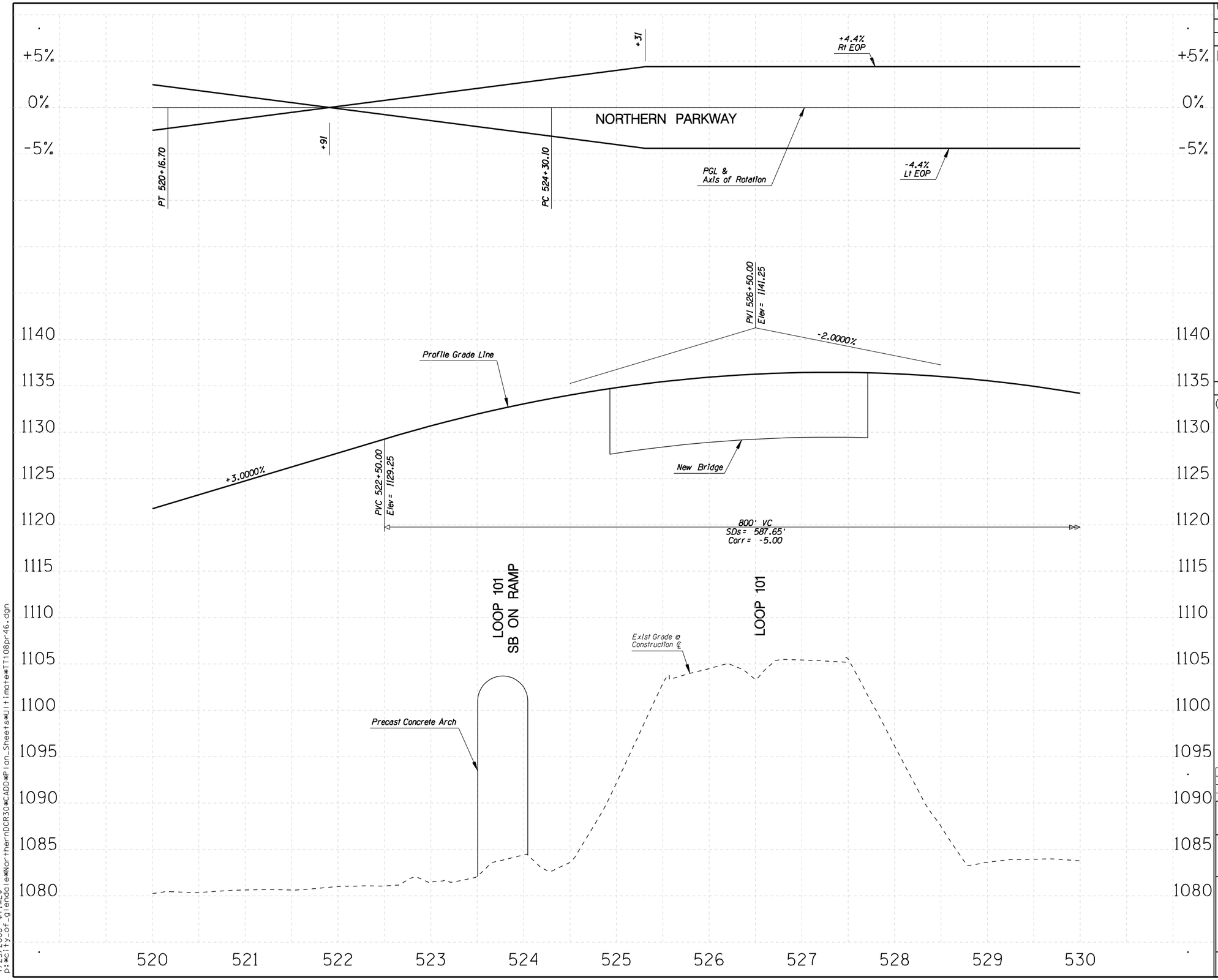
URS

PAVING PLAN SHEET
STA 520+00 TO STA 530+00

SHEET P89

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*T1108p146.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 520+00 TO STA 530+00

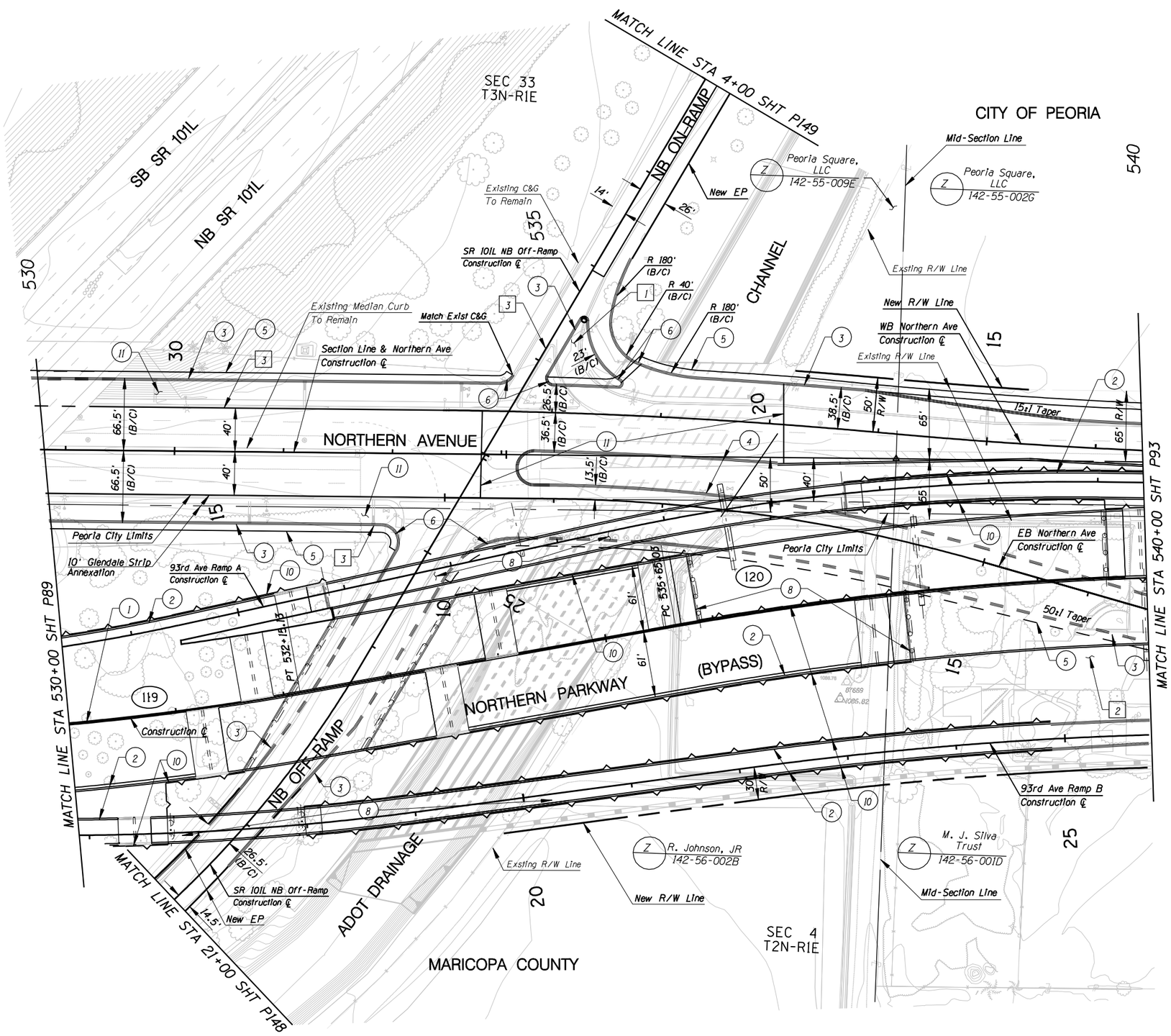
SHEET
P90

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr46.dgn

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



REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove House
3. Sawcut

CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9.
10. New Retaining Wall
11. New PCCP

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

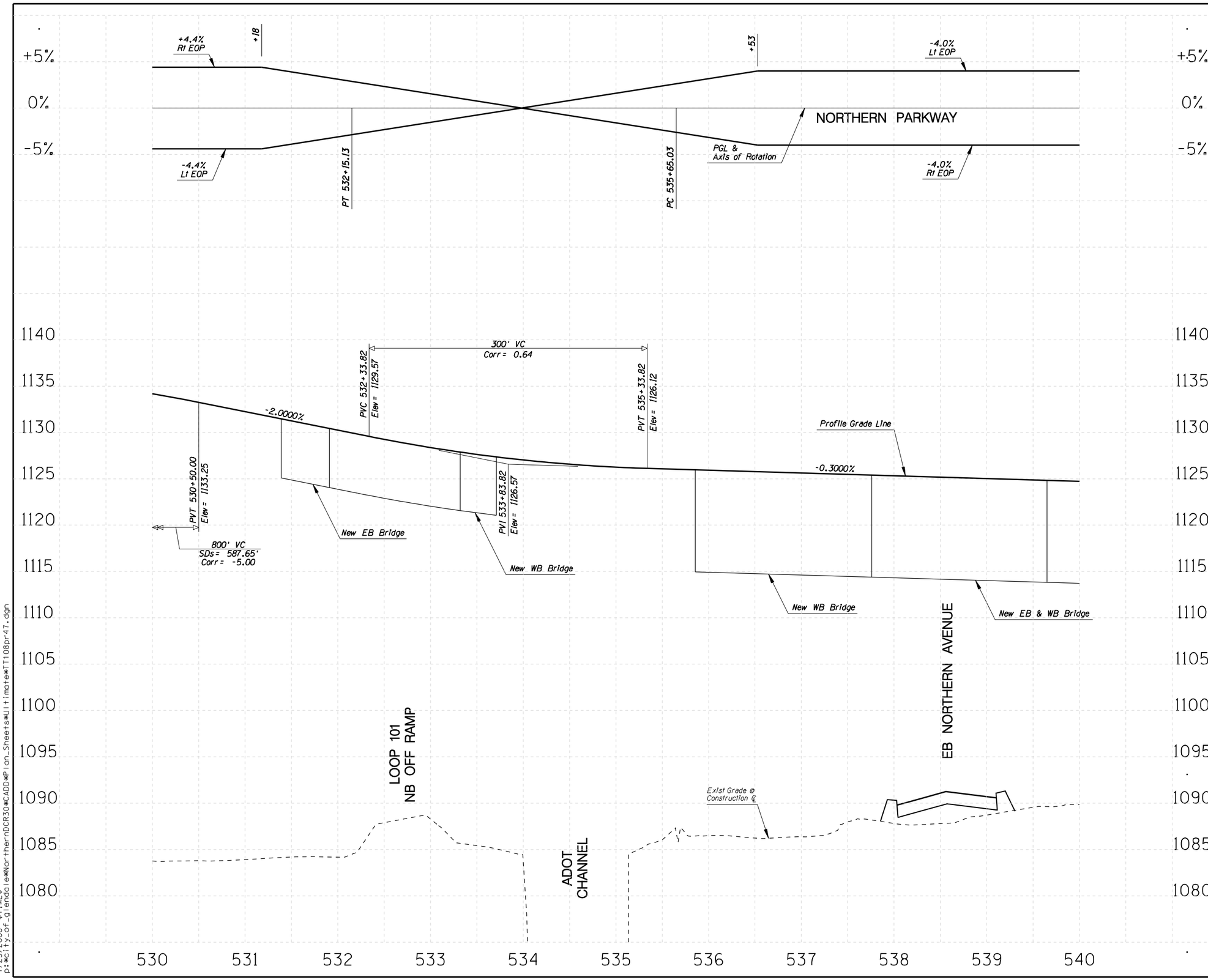
URS

PAVING PLAN SHEET
STA 530+00 TO STA 540+00

SHEET P91

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p147.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

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	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

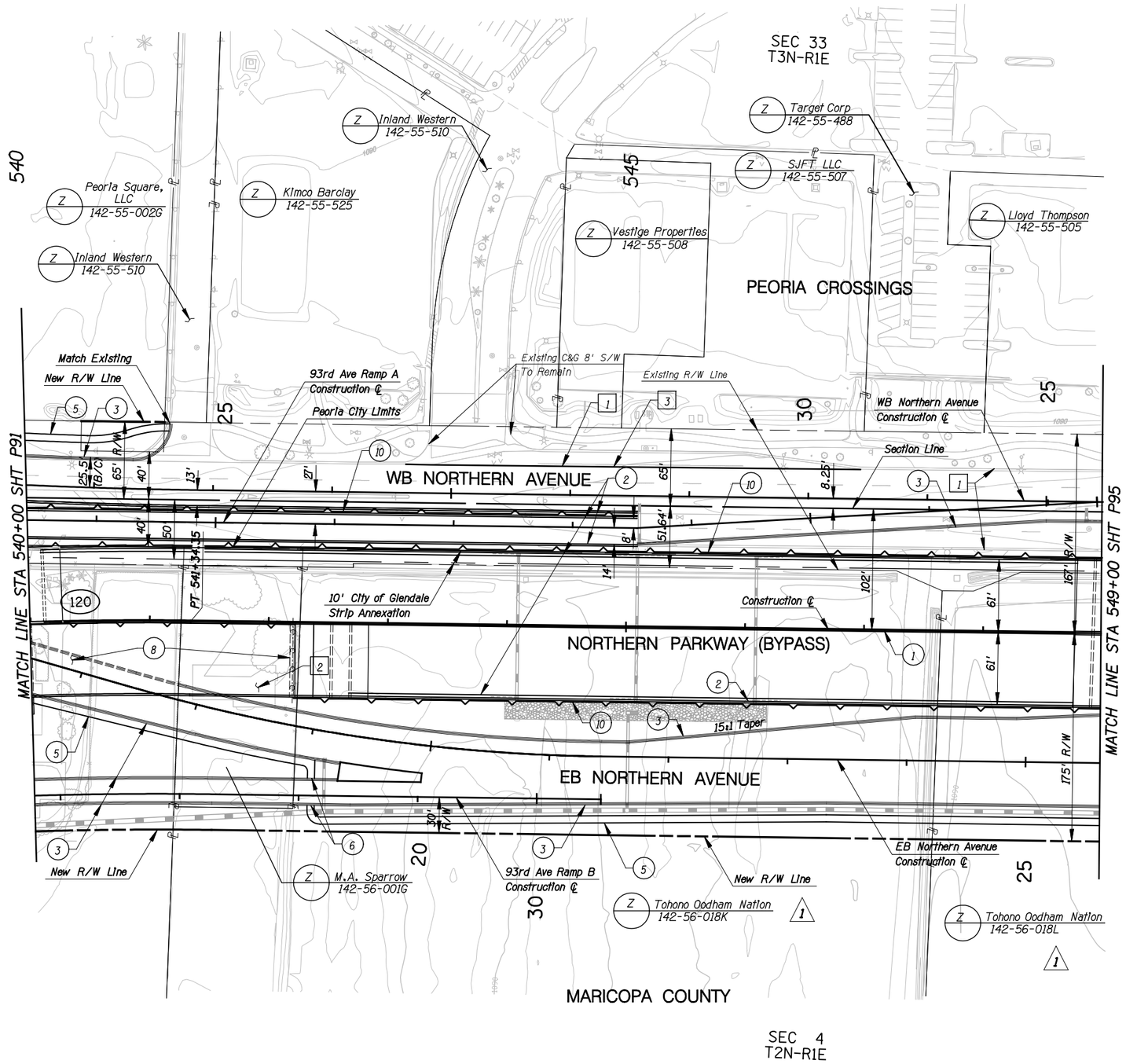
PROFILE SHEET
STA 530+00 TO STA 540+00

SHEET P92

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr47.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1. Remove Pvmt
2. Remove House
3. Sawcut

◯ **CONSTRUCTION** ◯

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1	Parcel No. Change	RWM	4/26/10

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

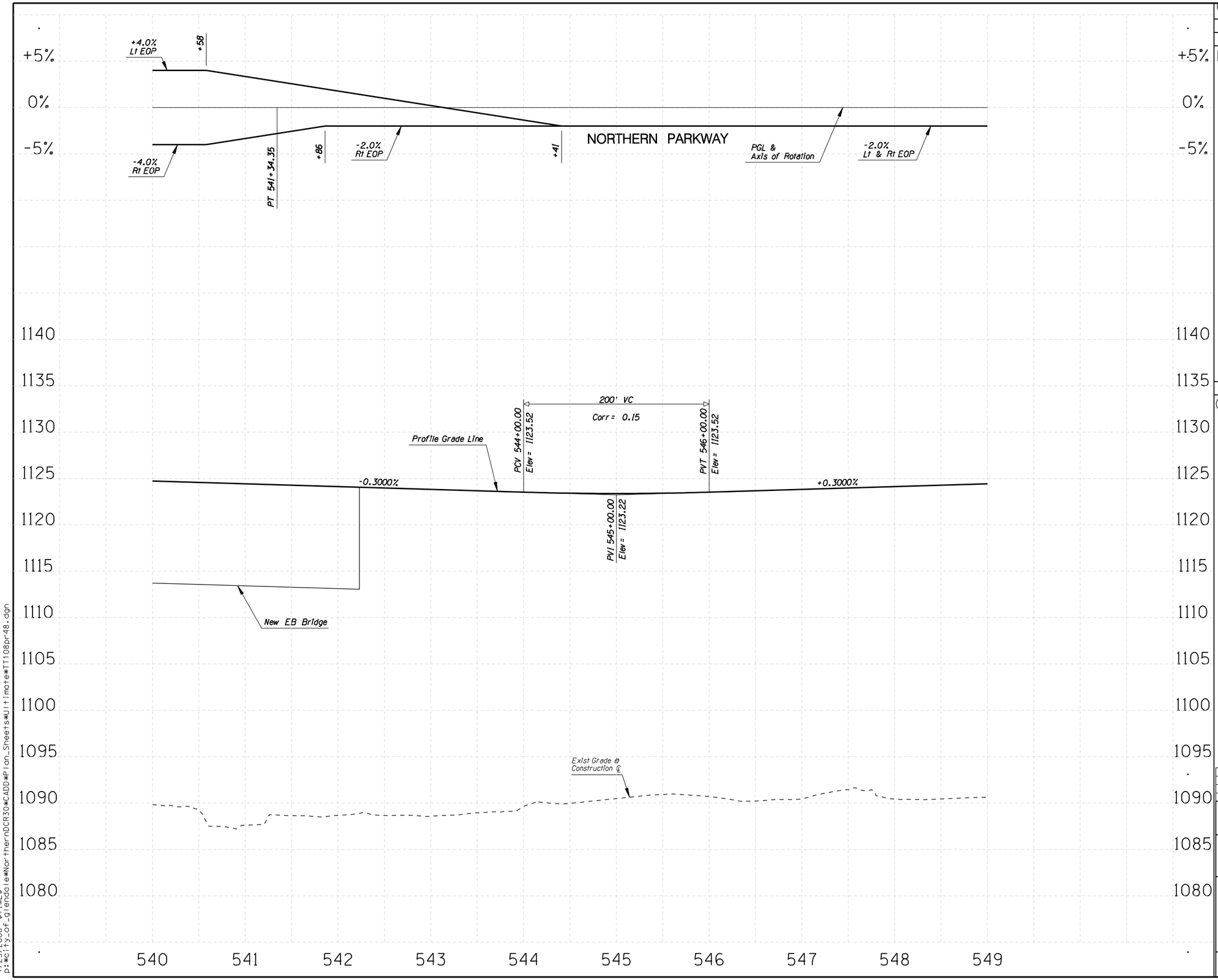
PAVING PLAN SHEET
STA 540+00 TO STA 549+00

SHEET P93

TRACS NO. 0000 MA MMA SS593 01C

English

McDot Pen Table2_2010.tbl
8/26/2010 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*TT108p148.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 540+00 TO STA 549+00

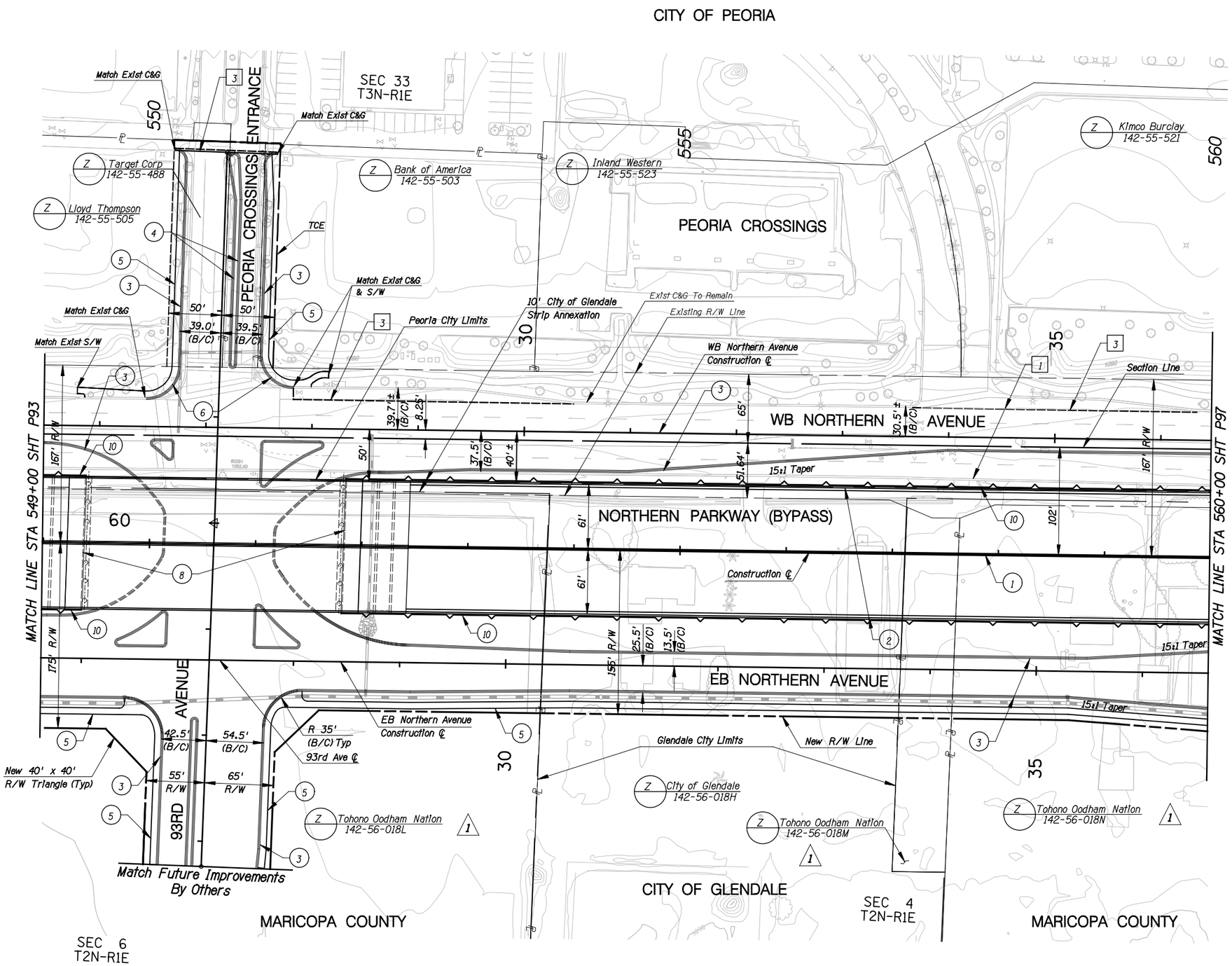
SHEET
P94

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr48.dgn

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



☐ **REMOVAL /RELOCATE** ☐

1. Remove Pvmt
2.
3. Sawcut

◯ **CONSTRUCTION** ◯

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
	Parcel No. Change	RWM	4/26/10

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

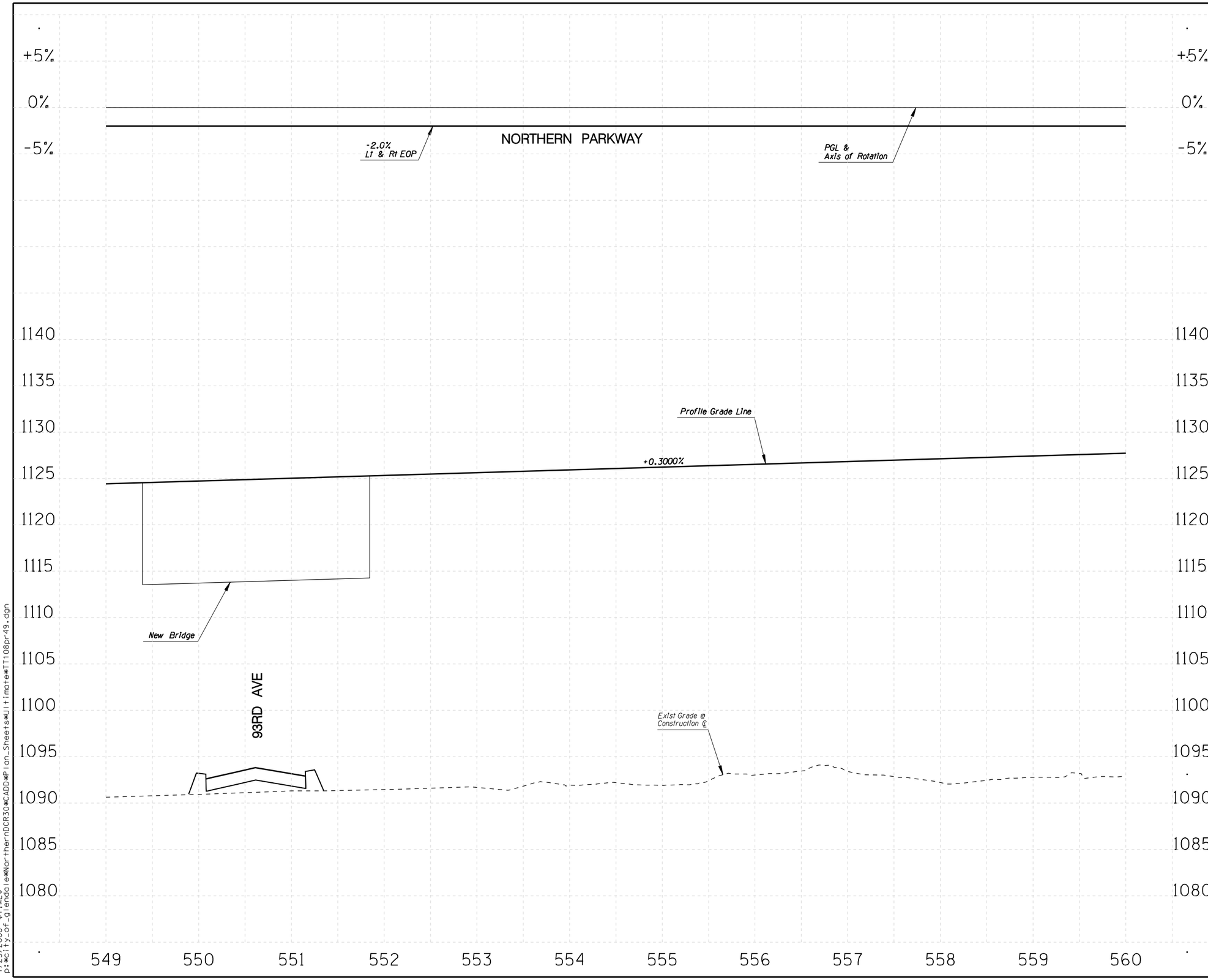
PAVING PLAN SHEET
STA 549+00 TO STA 560+00

SHEET P95

TRACS NO. 0000 MA MMA SS593 01C

English

McDot Pen Table2_2010.tbl
8/26/2010 $TIME$
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\T108pl49.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

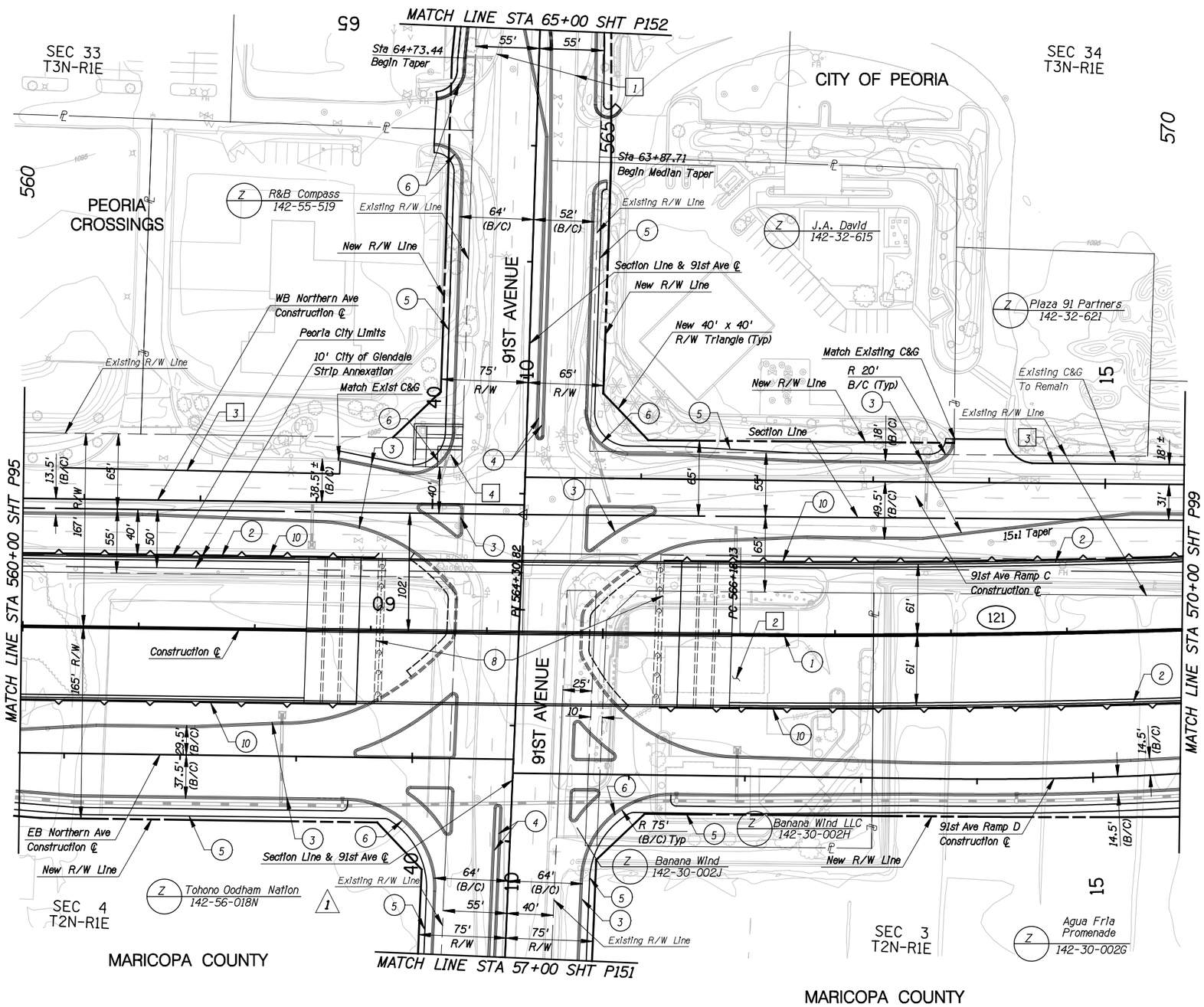
PROFILE SHEET
STA 549+00 TO STA 560+00

SHEET
P96

TRACS NO. 0000 MA MMA SS593 OIC

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\T108pr49.dgn



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

REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove Business
3. Sawcut
4. Relocate SRP Water Well

CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramps
7.
8. New Bridge
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
1			
2			
3	Parcel No. Change	RWM	4/26/10

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

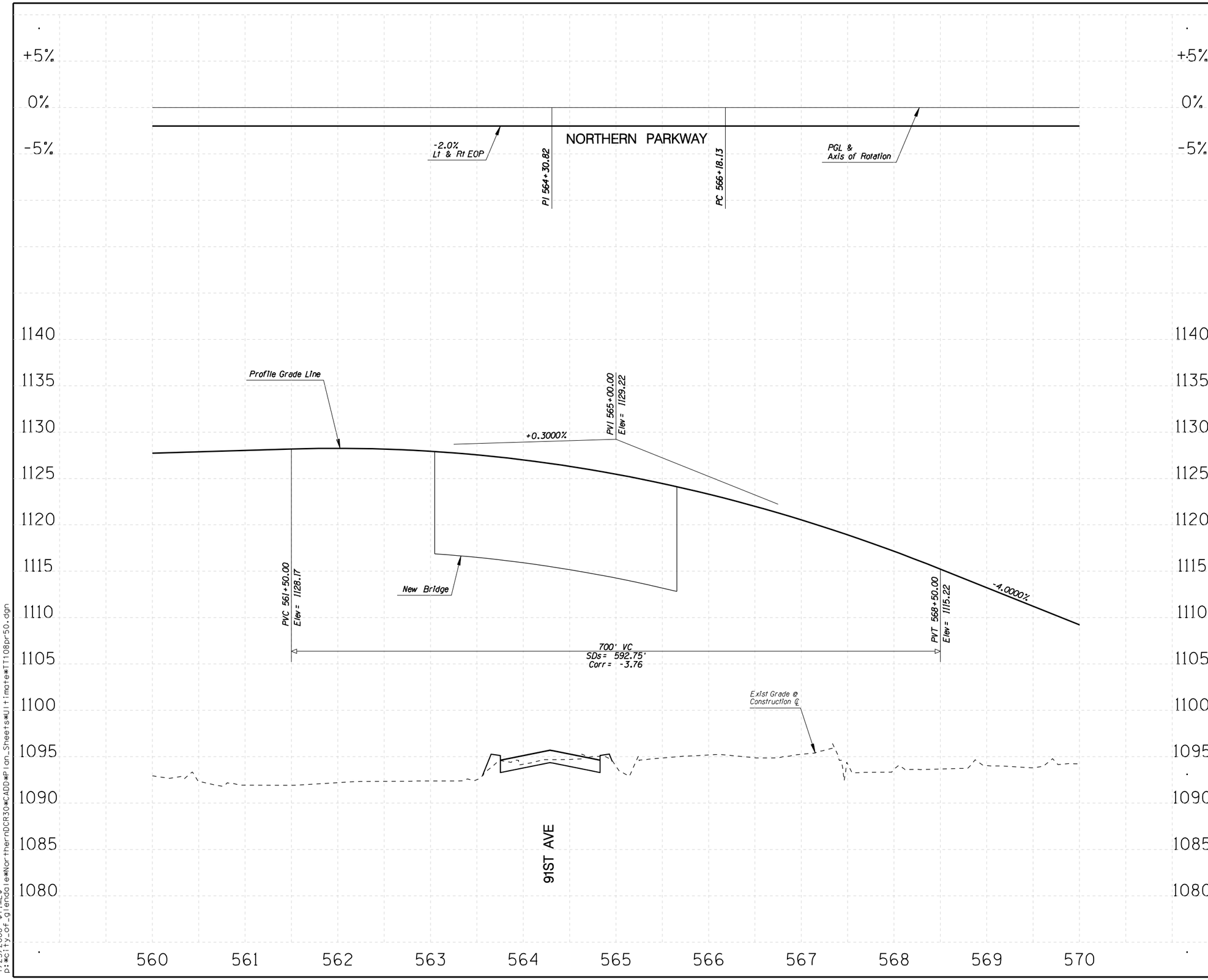
PAVING PLAN SHEET
STA 560+00 TO STA 570+00

SHEET P97

TRACS NO. 0000 MA MMA SS593 01C

McDot Pen Table2_2010.tbl
8/26/2010 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway*CADD*Plans*Alternative 1*TT108p150.dgn

English



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 560+00 TO STA 570+00

SHEET
P98

TRACS NO. 0000 MA MMA SS593 01C

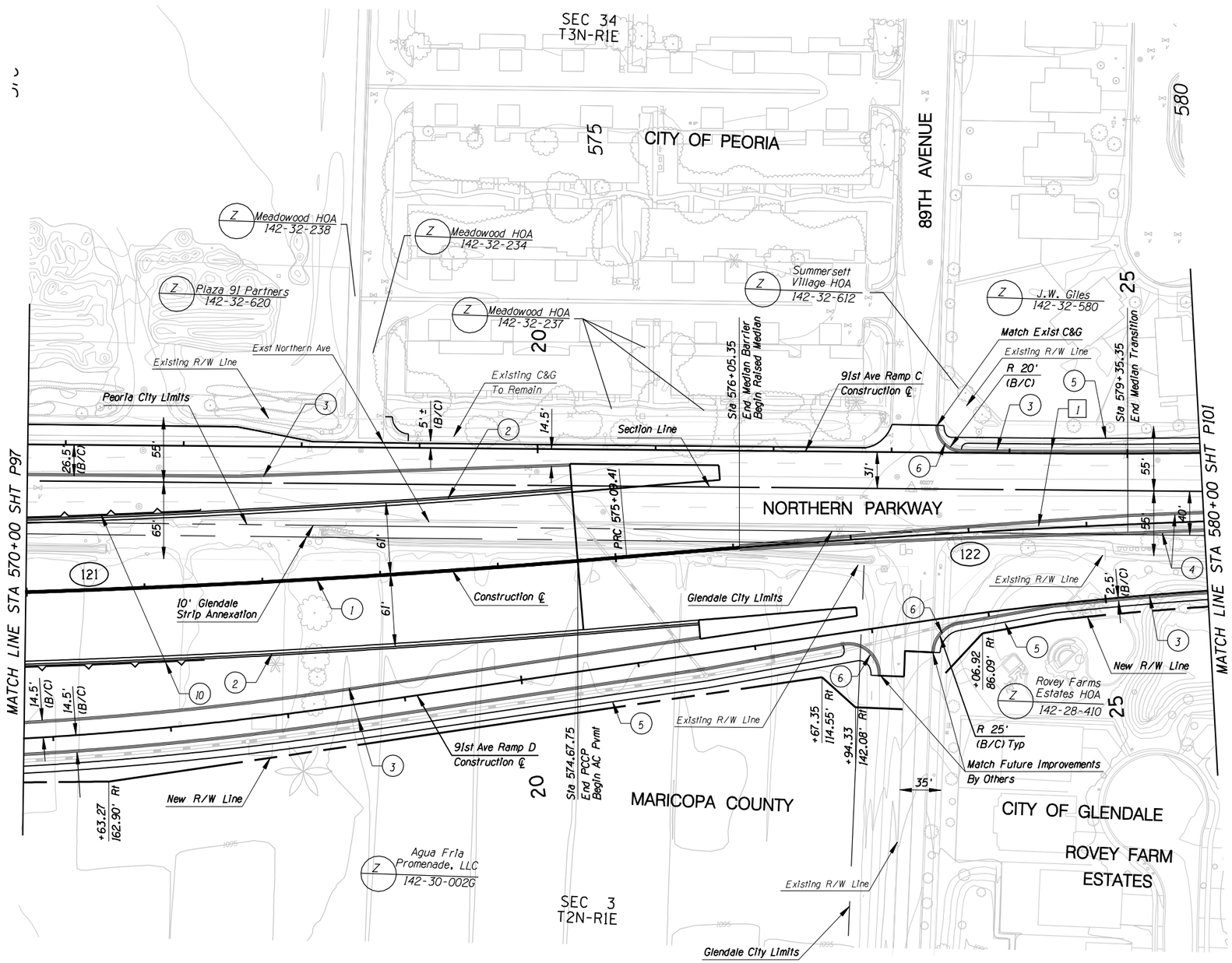
English

1/25/2008 $TIME$
p:*City_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr50.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8.
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

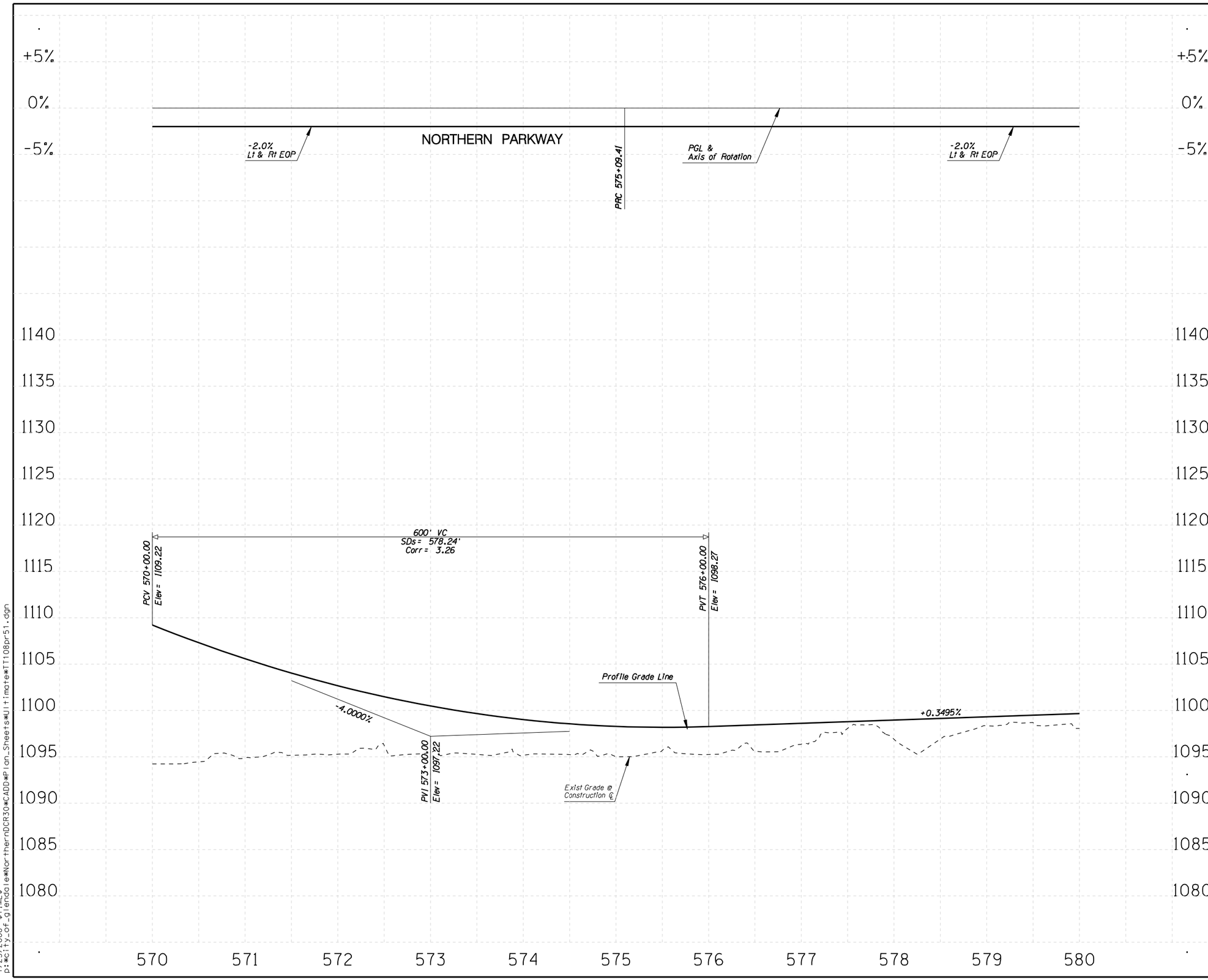
URS

PAVING PLAN SHEET
STA 570+00 TO STA 580+00

SHEET P99

TRACS NO. 0000 MA MMA SS593 OIC

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p151.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 570+00 TO STA 580+00

SHEET
P100

TRACS NO. 0000 MA MMA SS593 01C

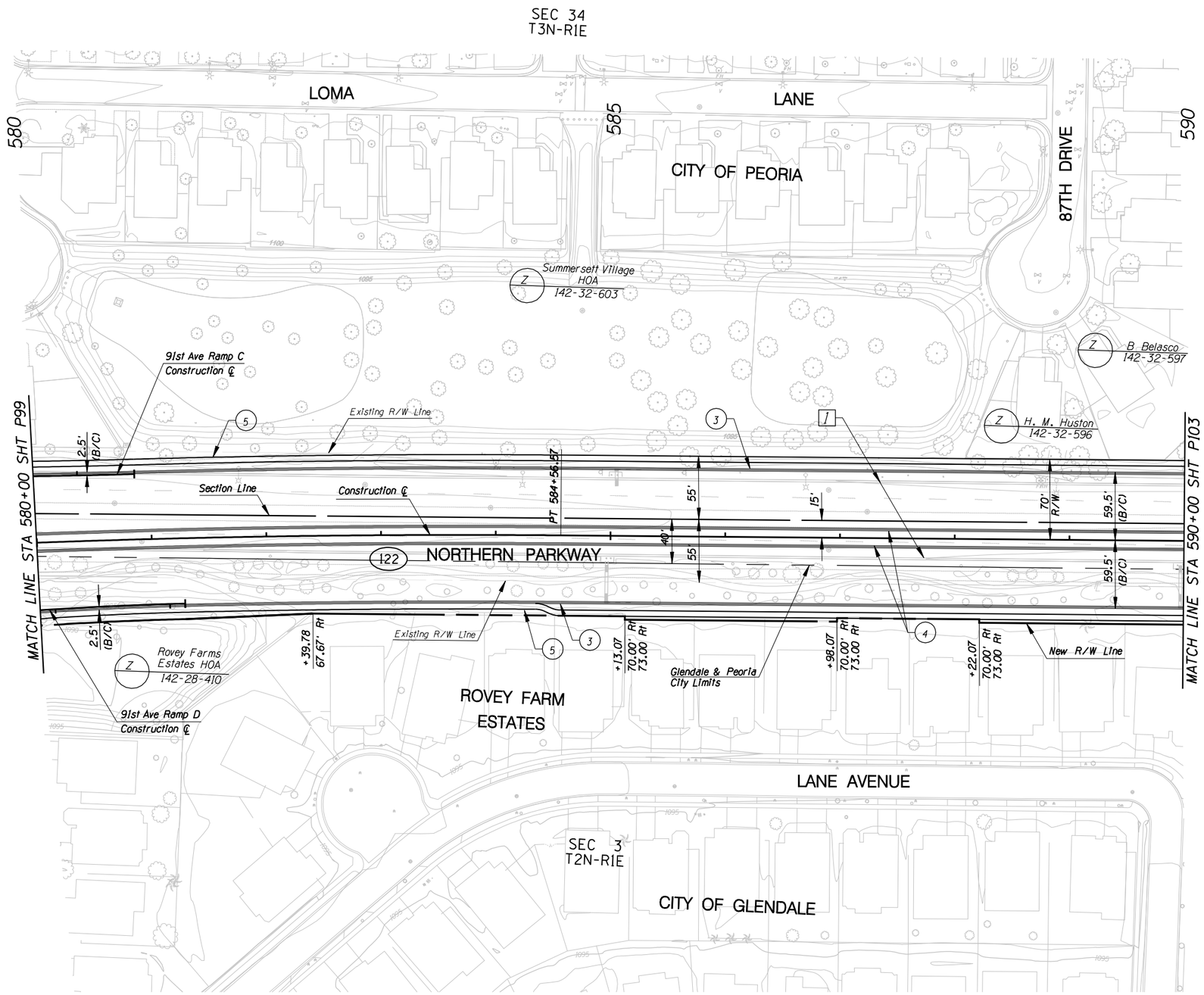
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr51.dgn

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

☐ **REMOVAL /RELOCATE** ☐

[1] Remove Pvmt



○ **CONSTRUCTION** ○

1
2
3 New Curb & Gutter
4 New Median Curb
5 New S/W
6

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

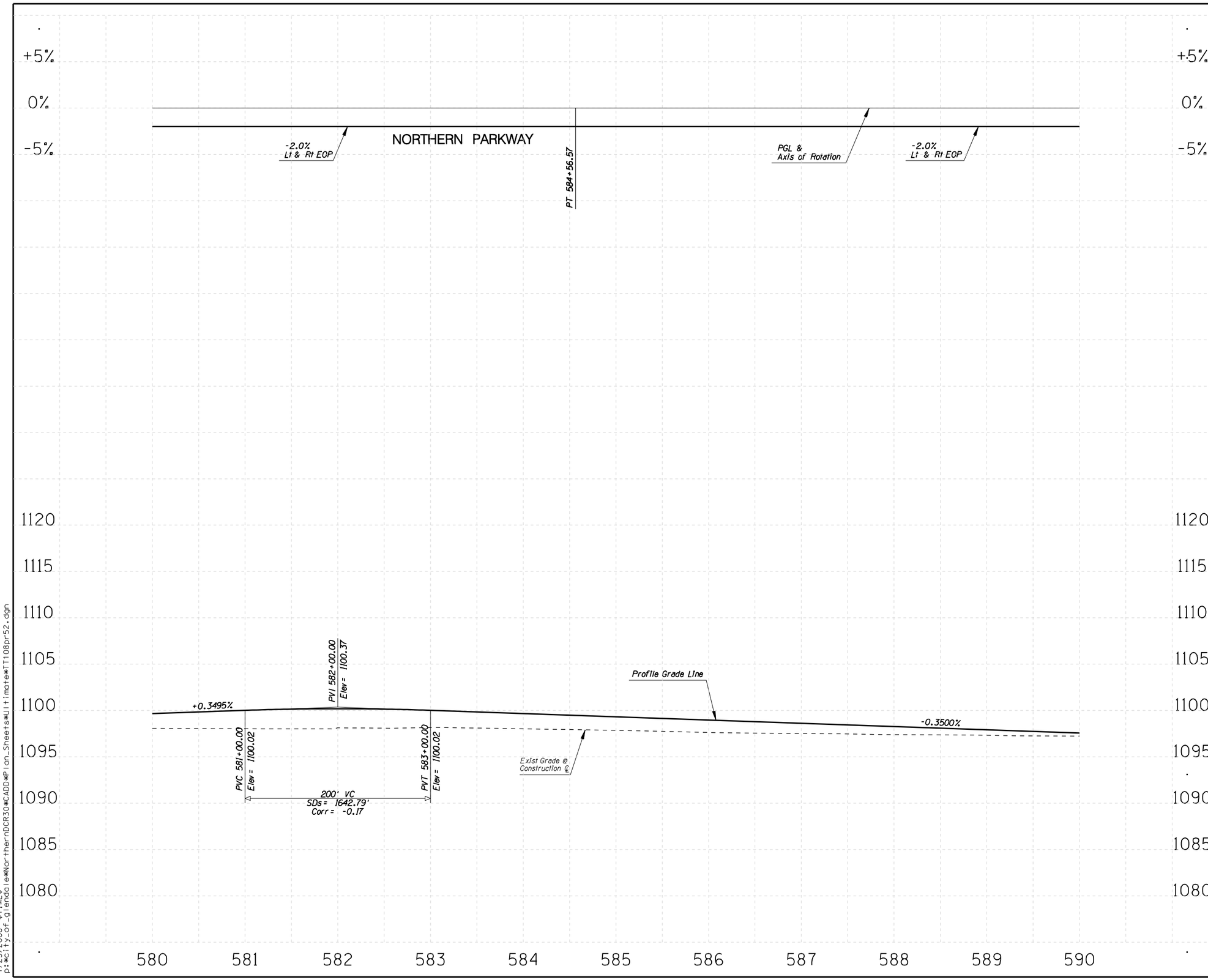
PAVING PLAN SHEET
STA 580+00 TO STA 590+00

SHEET P101

TRACS NO. 0000 MA MMA SS593 OIC

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p152.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 580+00 TO STA 590+00

SHEET
P102

TRACS NO. 0000 MA MMA SS593 01C

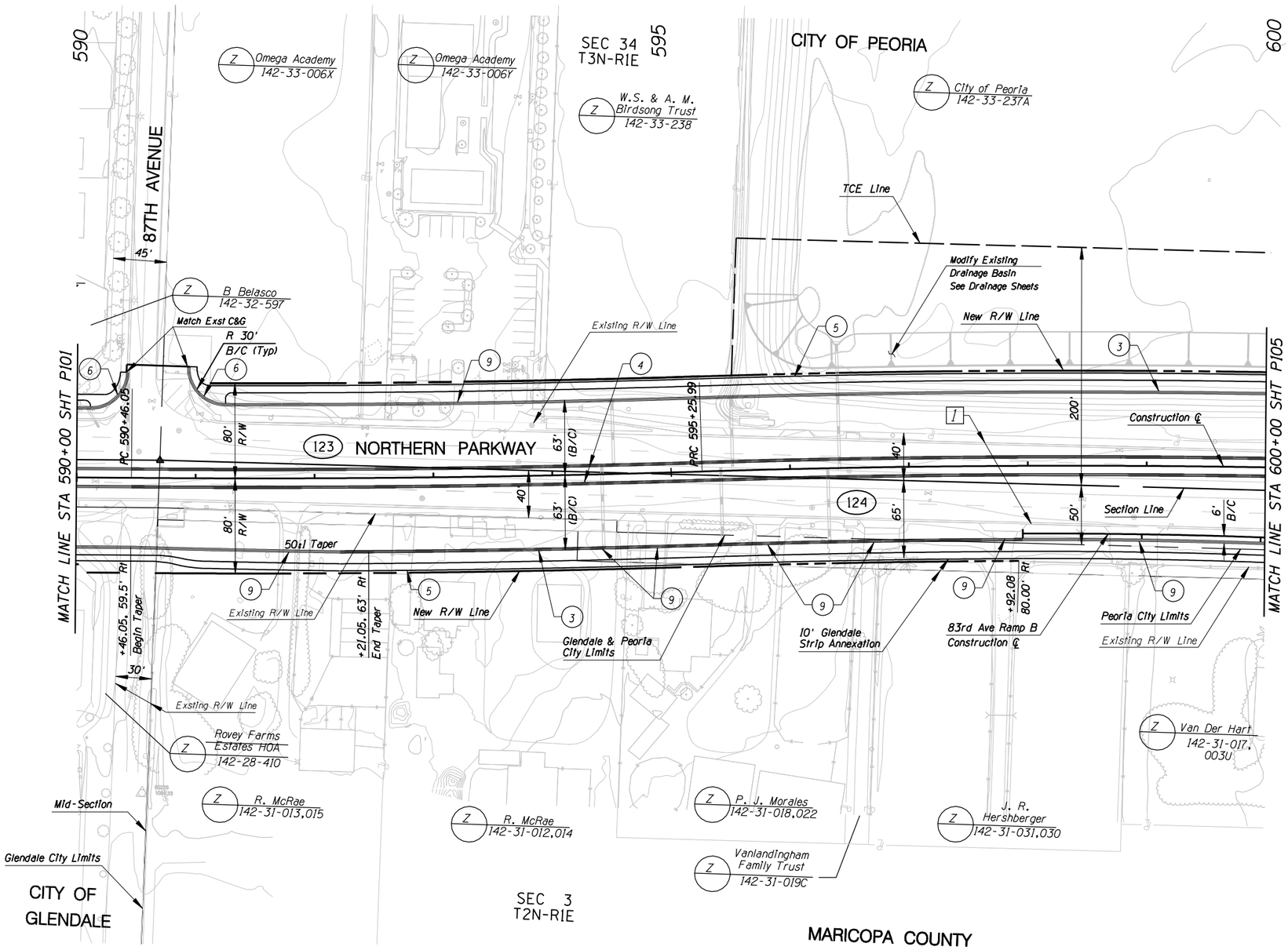
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr52.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



CONSTRUCTION

1
2
3 New Curb & Gutter
4 New Median Curb
5 New S/W
6 New S/W Ramp
7
8
9 New D/W at Existing D/W Location

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

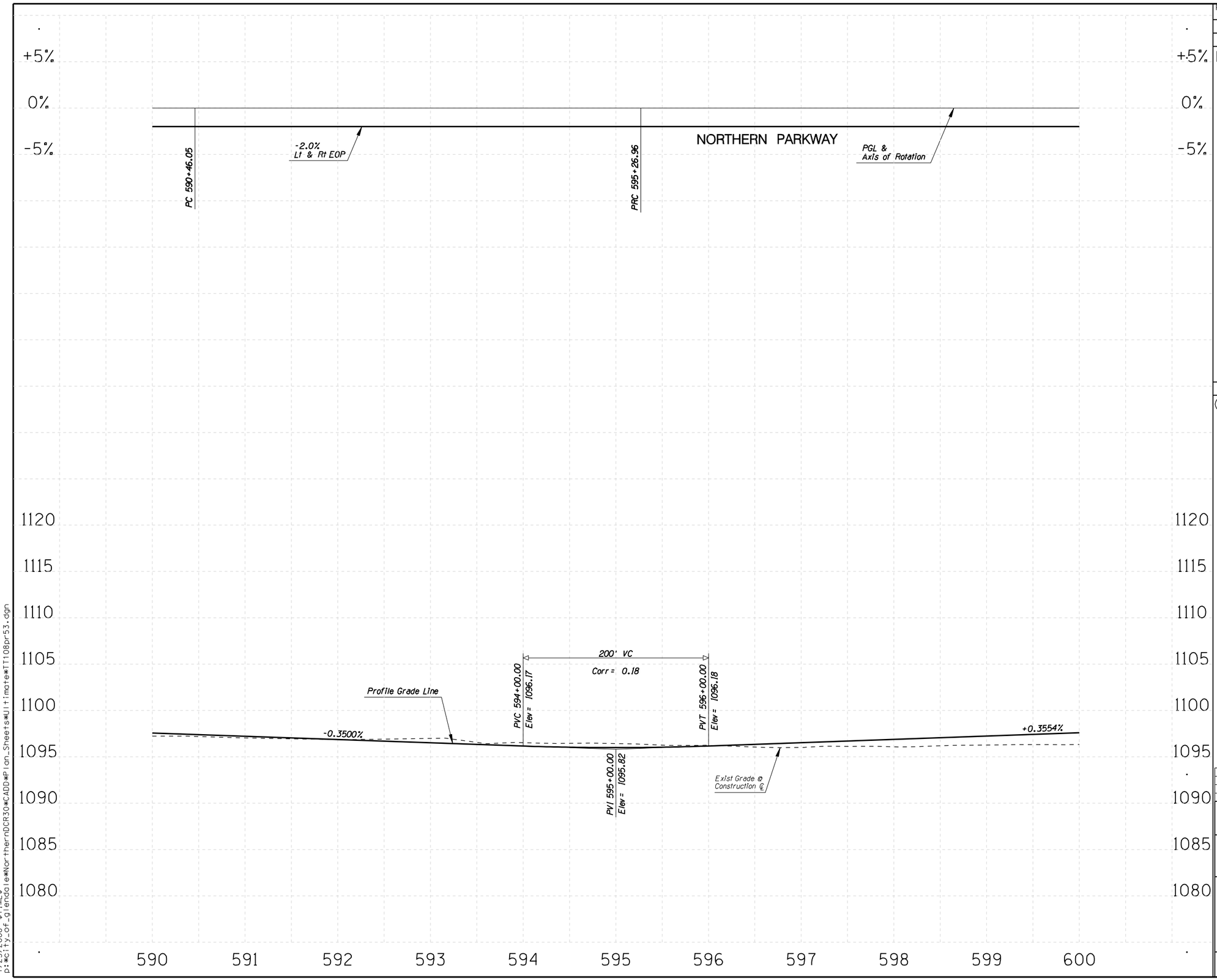
URS

PAVING PLAN SHEET
STA 590+00 TO STA 600+00

SHEET
P103

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*T108p153.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 590+00 TO STA 600+00

SHEET
P104

TRACS NO. 0000 MA MMA SS593 01C

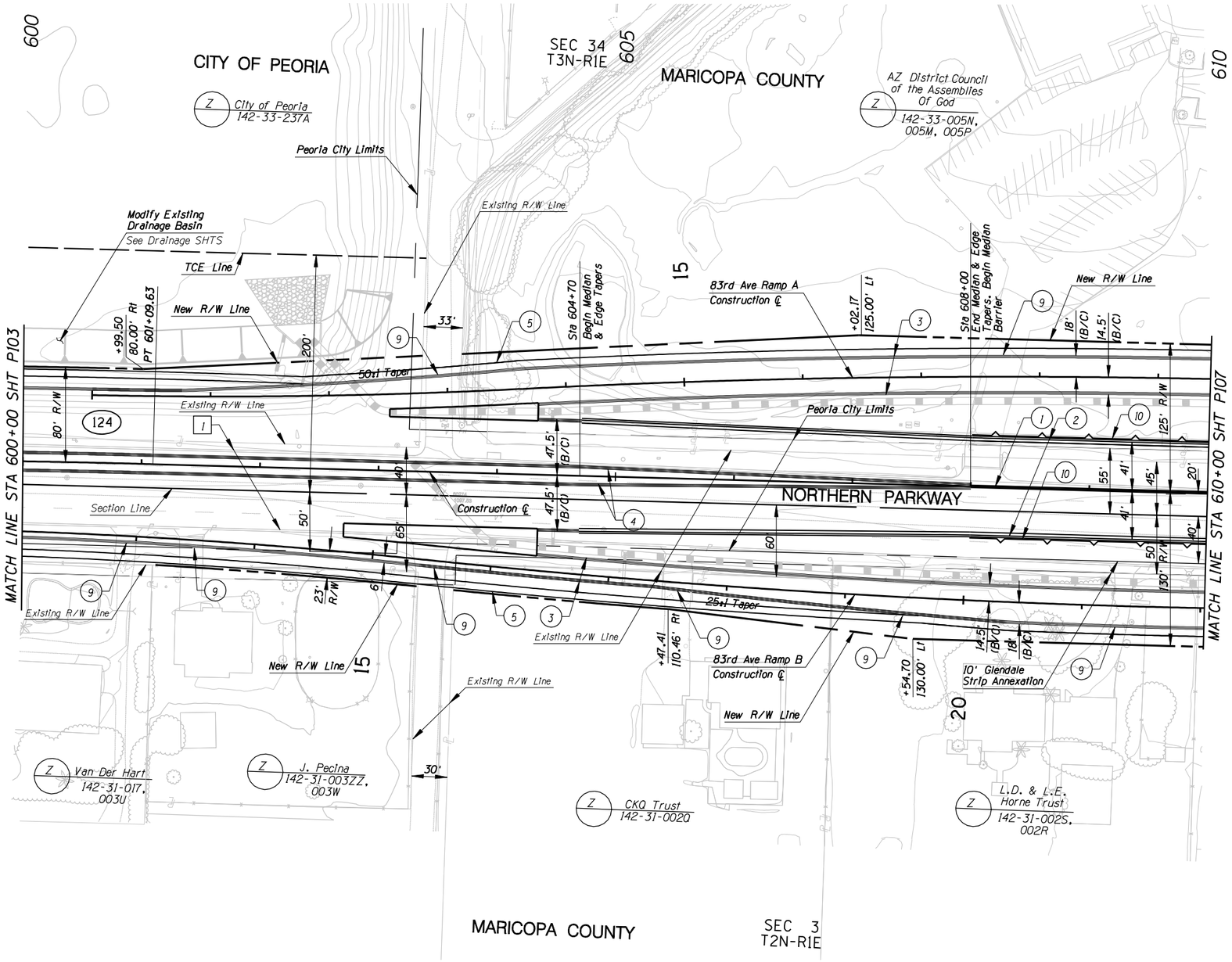
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr53.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6.
7.
8.
9. New D/W at Existing D/W Location
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

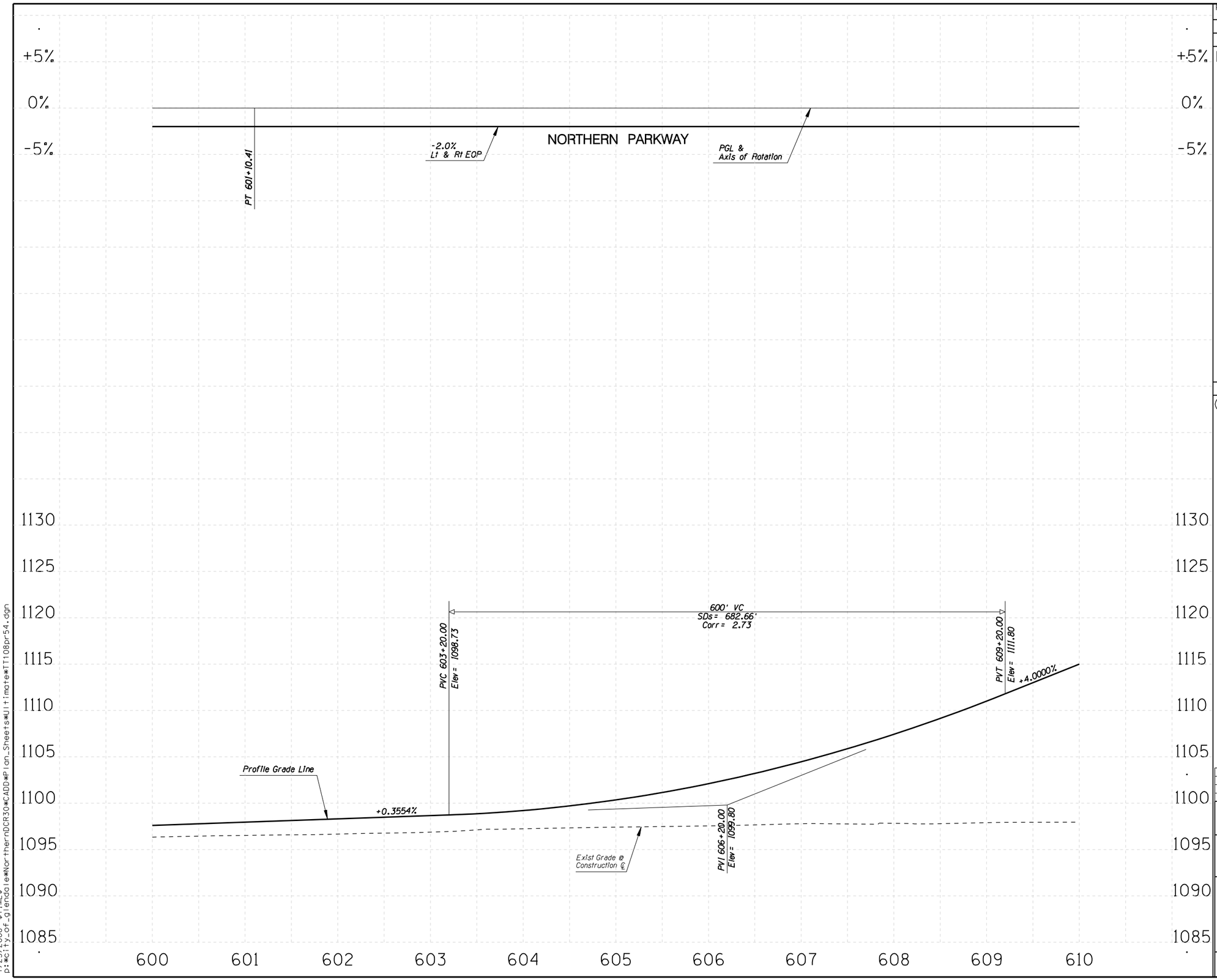
PAVING PLAN SHEET
STA 600+00 TO STA 610+00

SHEET P105

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p154.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

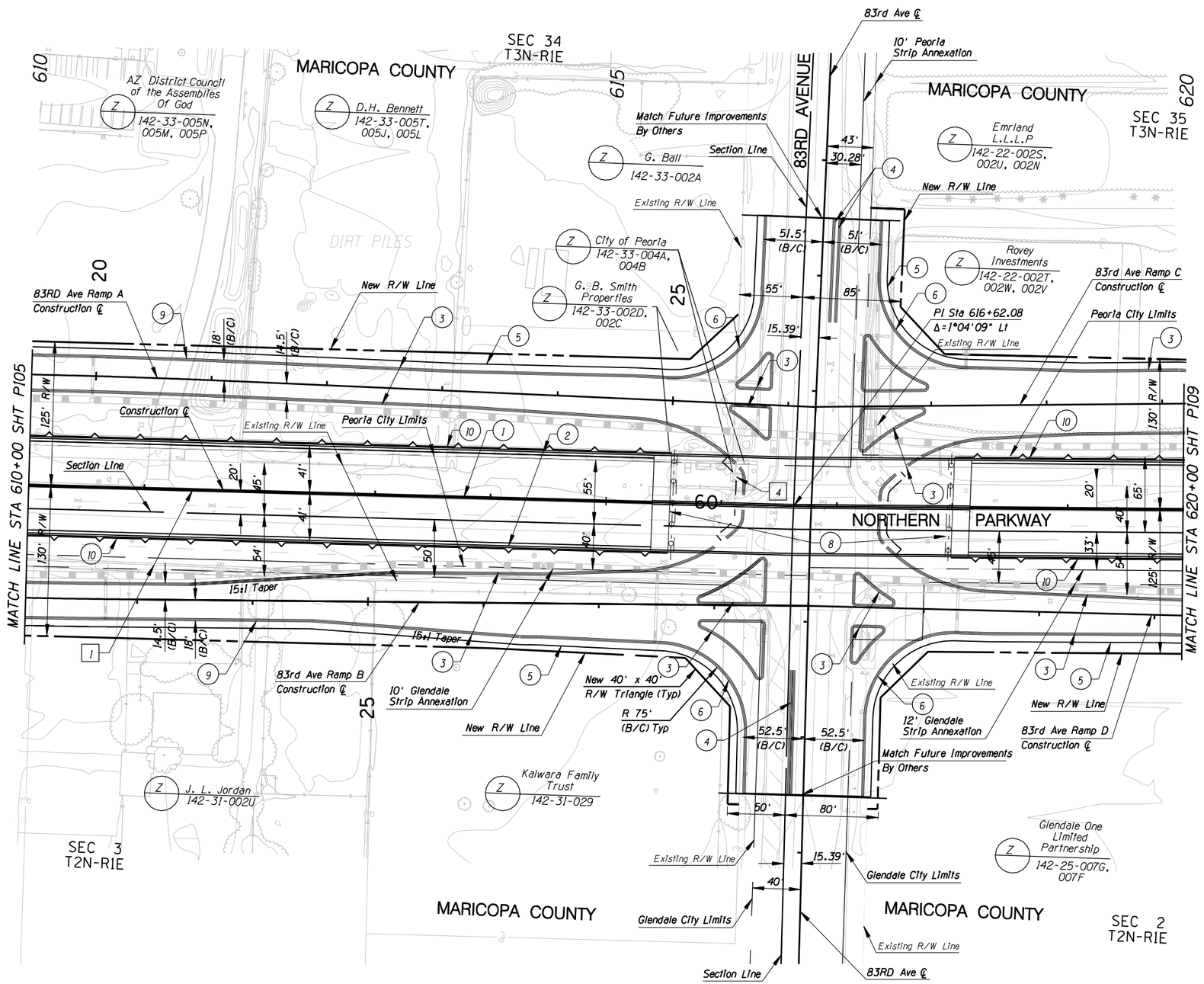
PROFILE SHEET
STA 600+00 TO STA 610+00

SHEET
P106

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr54.dgn

English



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

REMOVAL /RELOCATE

1. Remove Pvmt
2.
3.
4. Relocate City of Peoria Water Well

CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9. New D/W at Existing D/W Location
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

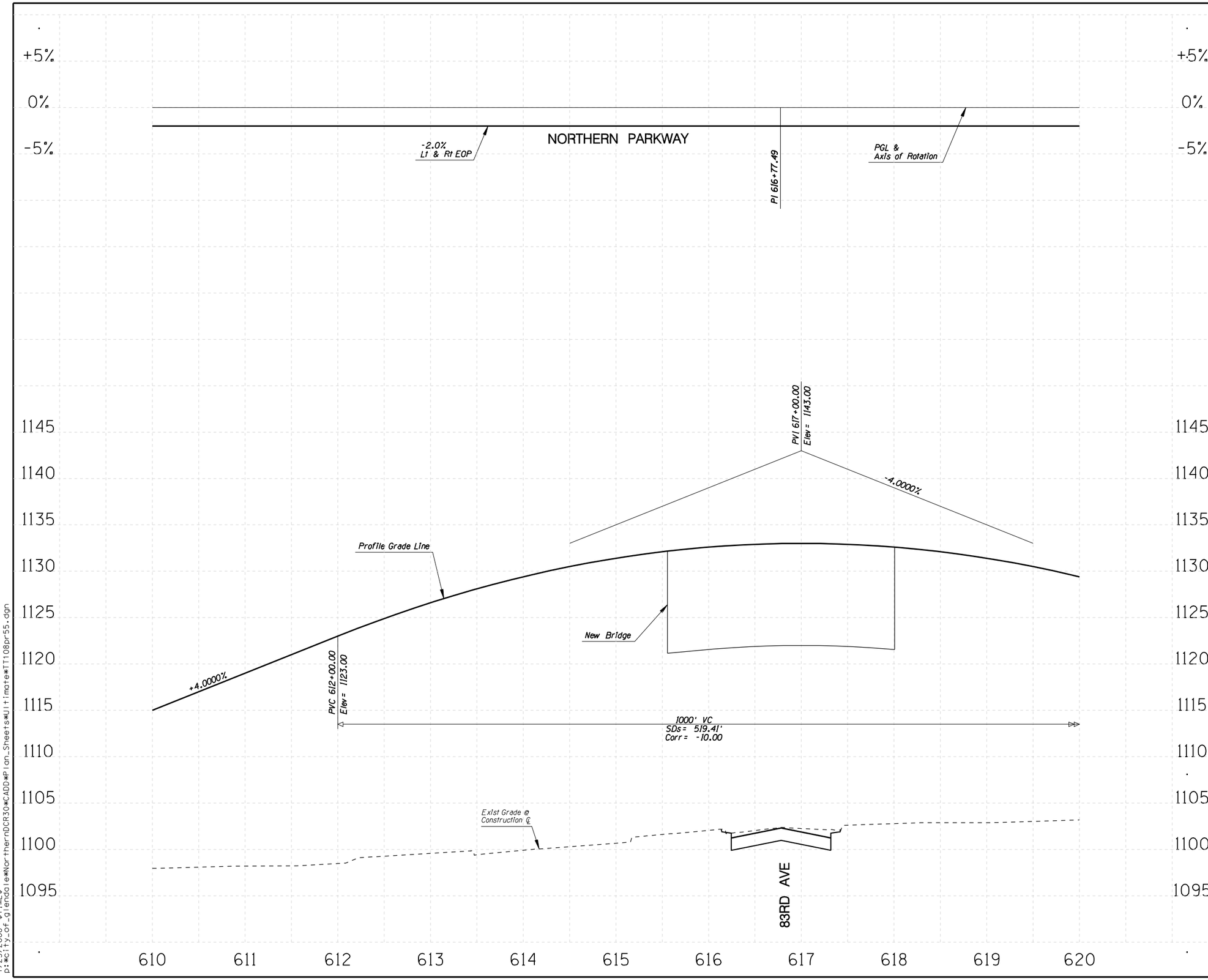
URS

PAVING PLAN SHEET
STA 610+00 TO STA 620+00

SHEET P107

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p155.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 610+00 TO STA 620+00

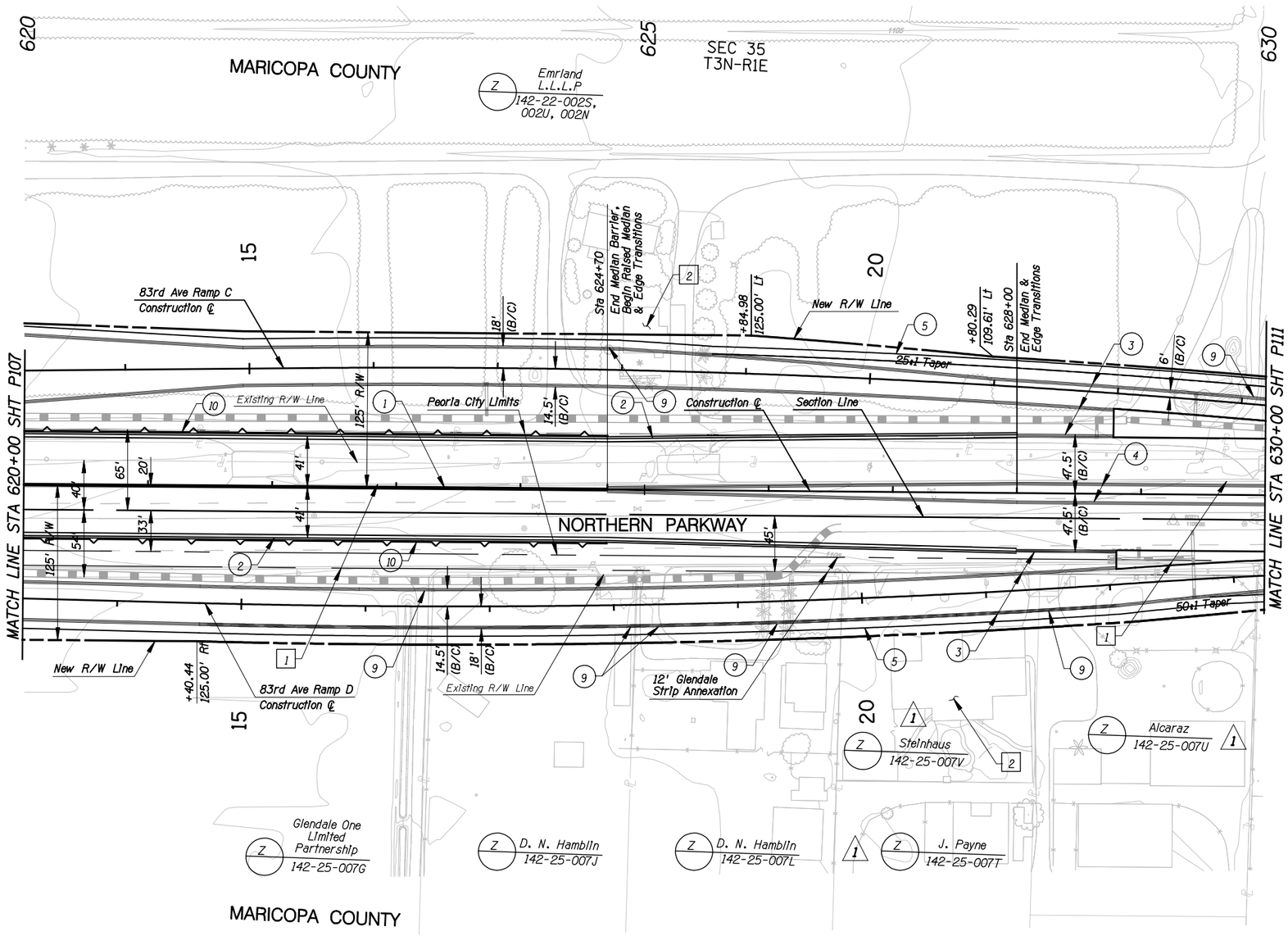
SHEET
P108

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr55.dgn

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



REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove House

CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6.
7.
8.
9. New D/W at Existing D/W Locations
10. New Retaining Wall

NO.	REVISION	BY	DATE
1			
2			
3	Property Changes	RWM	4/26/10

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

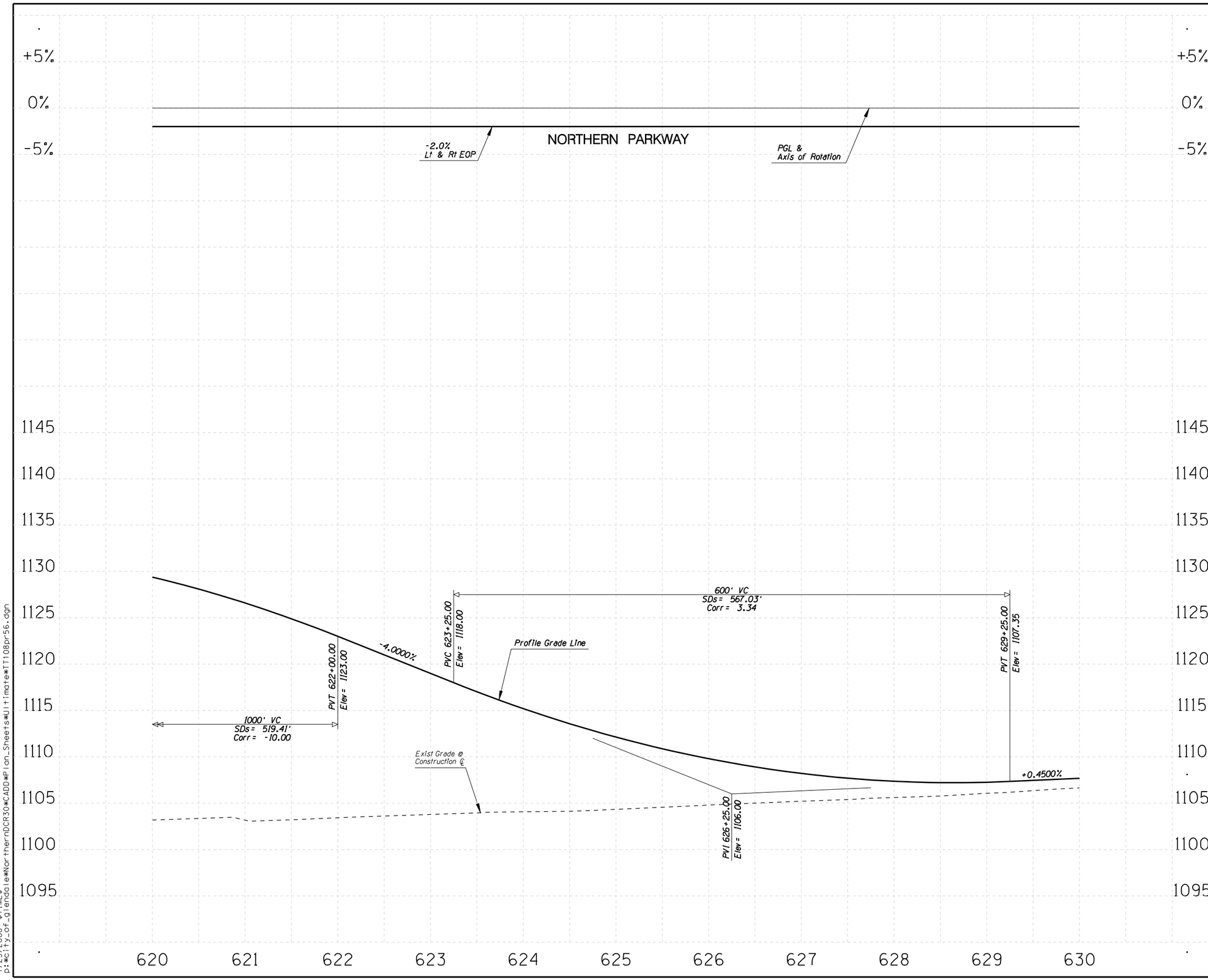
PAVING PLAN SHEET
STA 620+00 TO STA 630+00

SHEET P109

TRACS NO. 0000 MA MMA SS593 01C

English

McDot Pen Table2_2010.tbl
8/27/2010 $TIME$
P:\City_of_Glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p156.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 620+00 TO STA 630+00

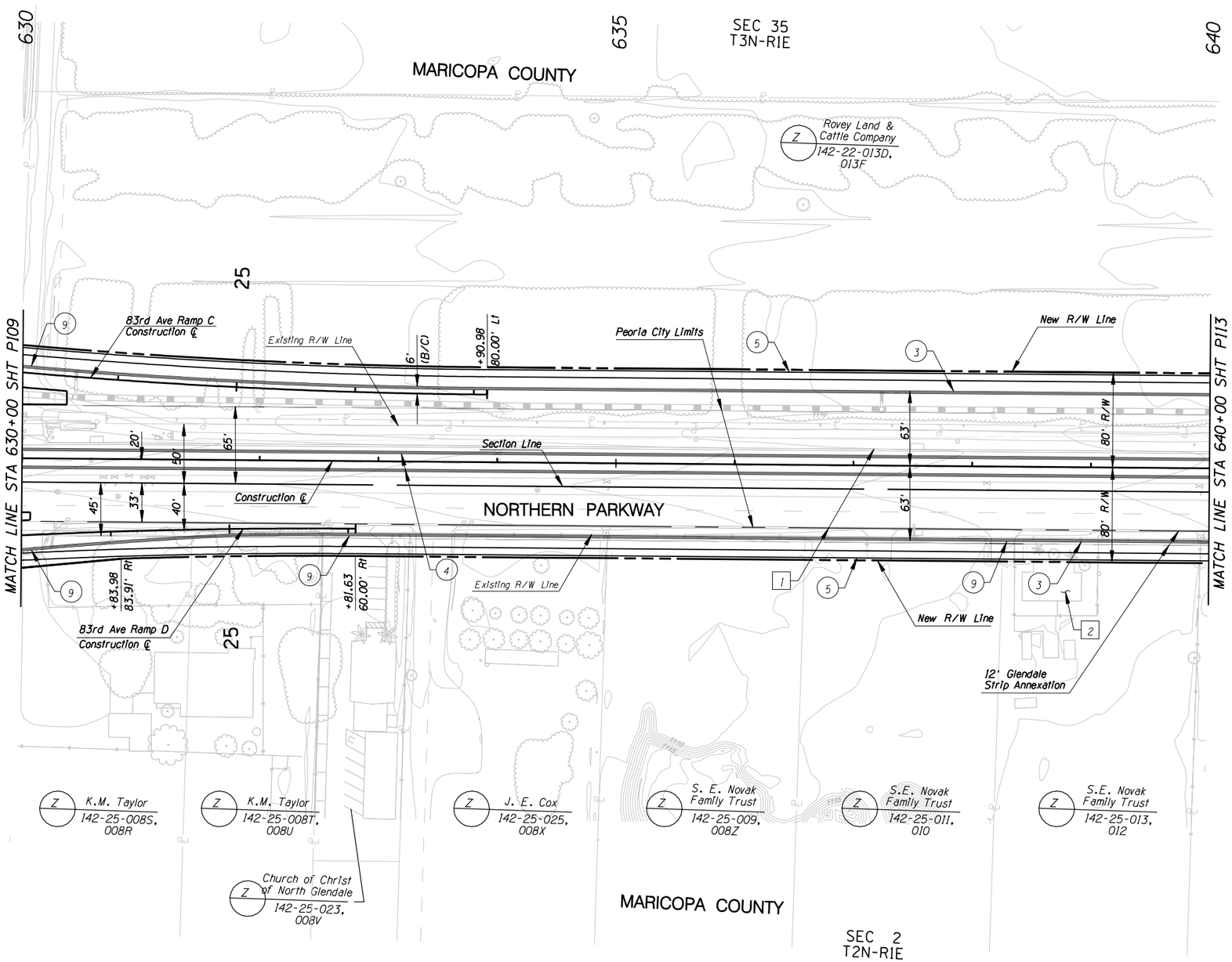
SHEET P110

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr56.dgn

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



☐ REMOVAL /RELOCATE ☐

1. Remove Pvmt
2. Remove House

○ CONSTRUCTION ○

1.
2.
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6.
7.
8.
9. New D/W at Existing D/W Location

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

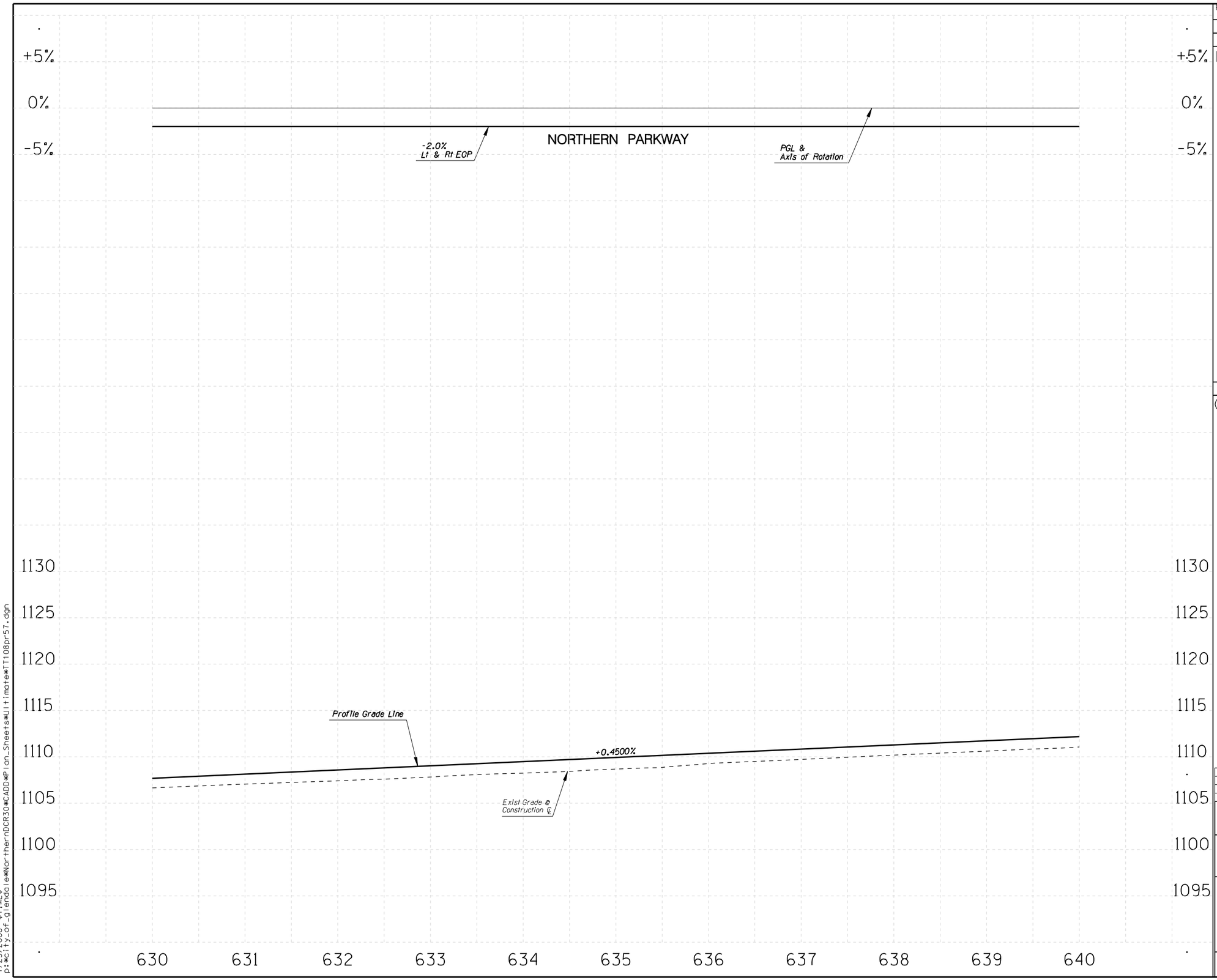
PAVING PLAN SHEET
STA 630+00 TO STA 640+00

SHEET P111

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p157.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 630+00 TO STA 640+00

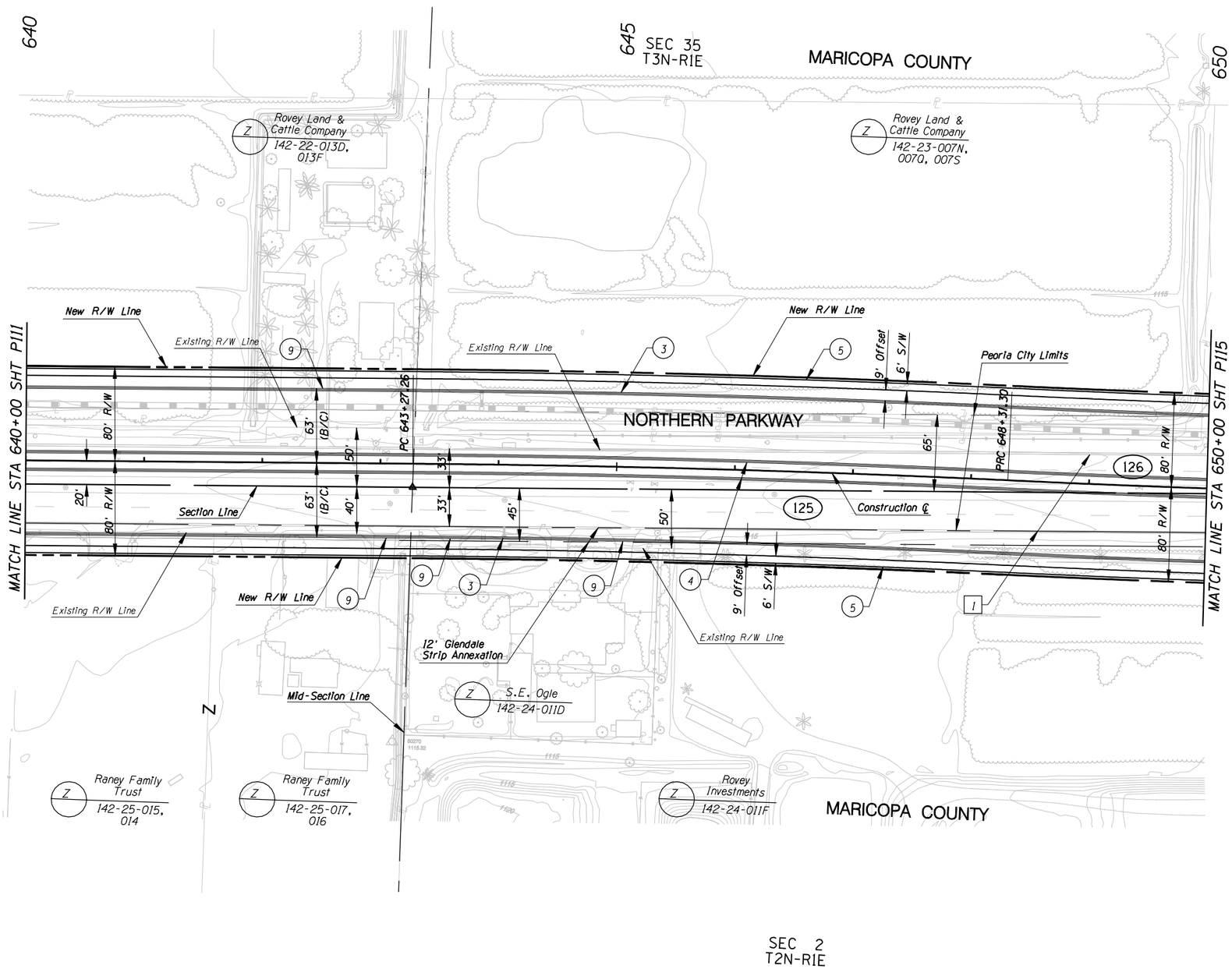
SHEET
P112

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr57.dgn

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



REMOVAL /RELOCATE

1 Remove Pvmt

CONSTRUCTION

1
2
3 New Curb & Gutter
4 New Median Curb
5 New S/W
6
7
8
9 New D/W at Existing D/W Location

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

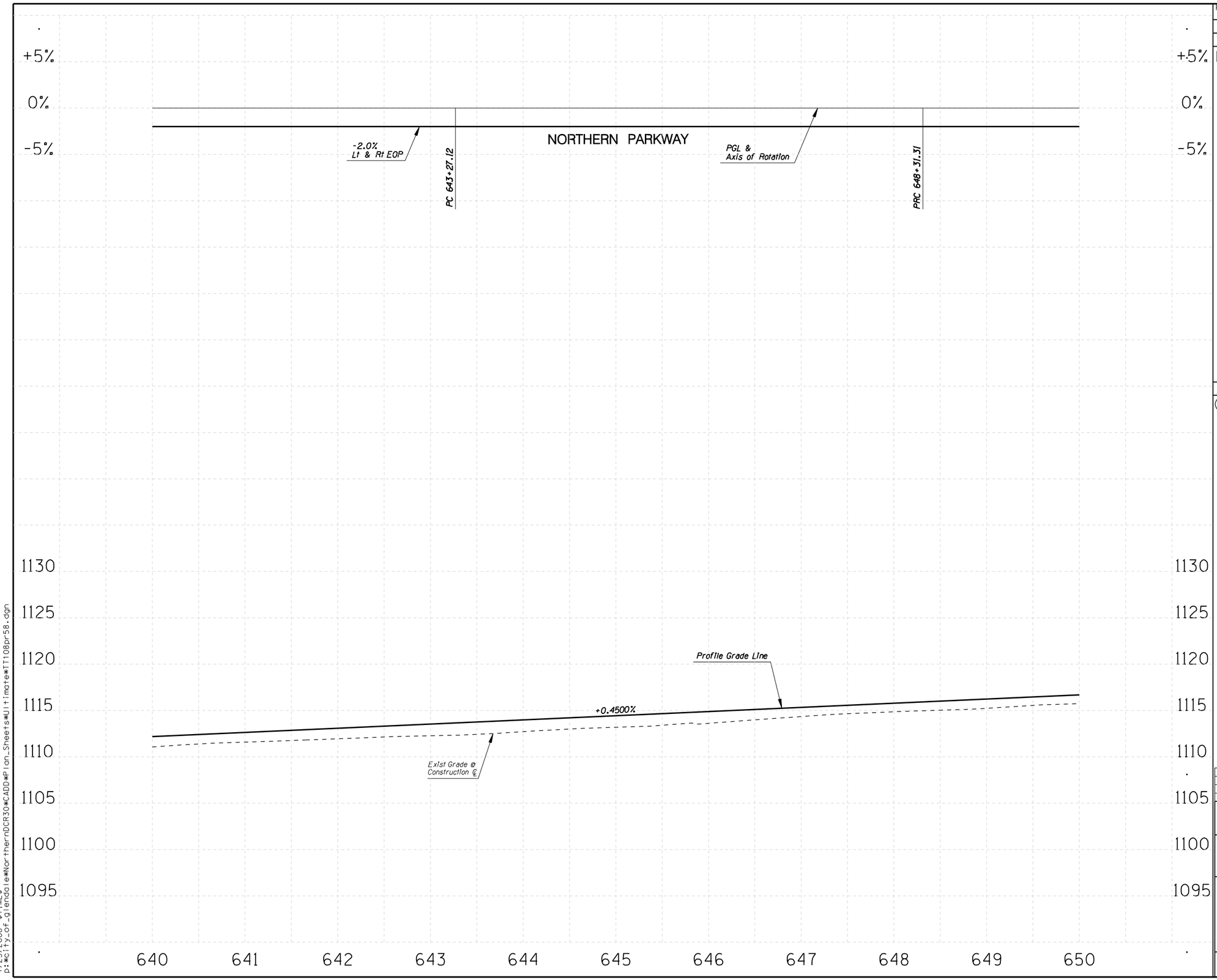
PAVING PLAN SHEET
STA 640+00 TO STA 650+00

SHEET P113

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p158.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 640+00 TO STA 650+00

SHEET
P114

TRACS NO. 0000 MA MMA SS593 01C

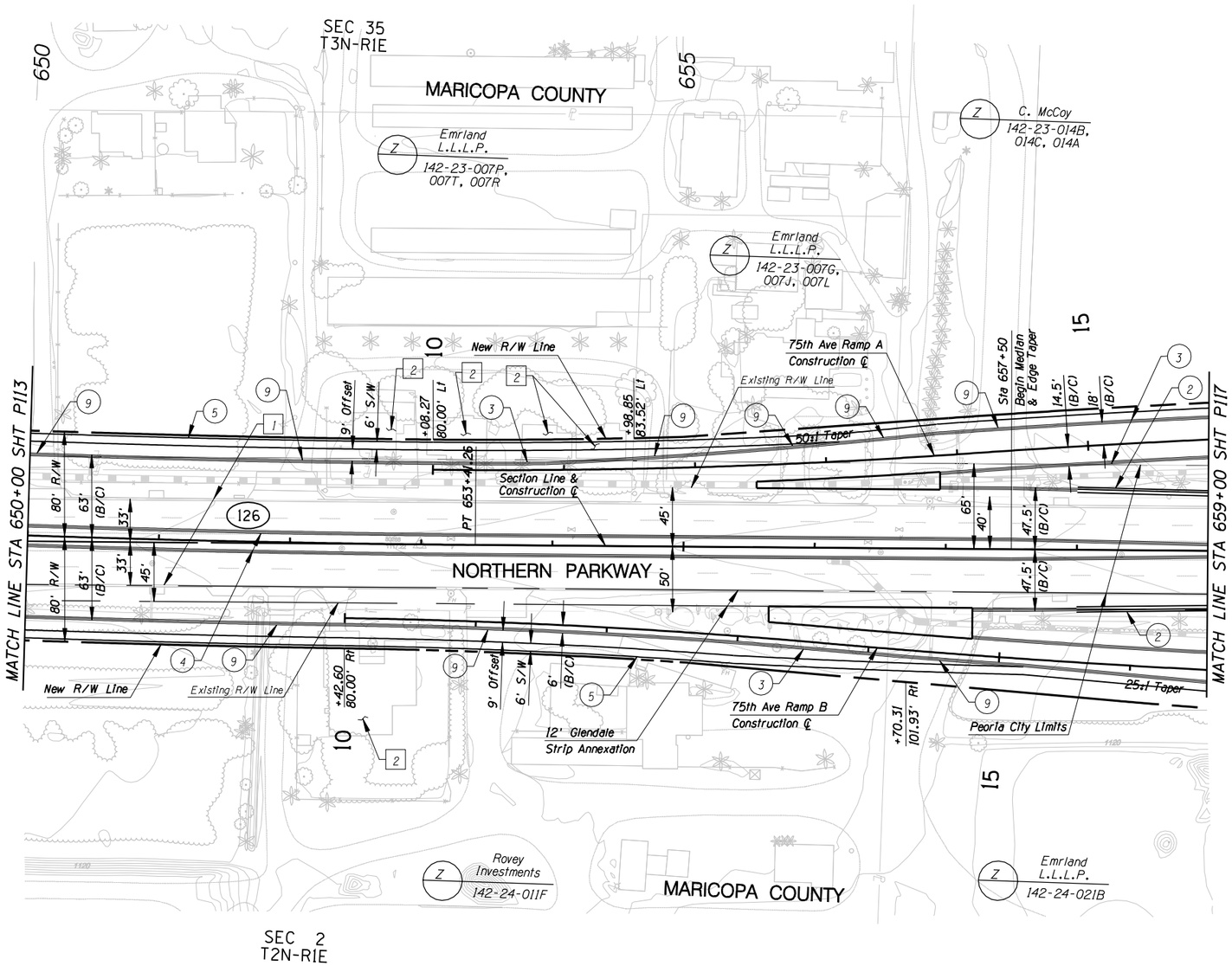
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr58.dgn

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

REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove House



CONSTRUCTION

1.
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6.
7.
8.
9. New D/W at Existing D/W Location

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

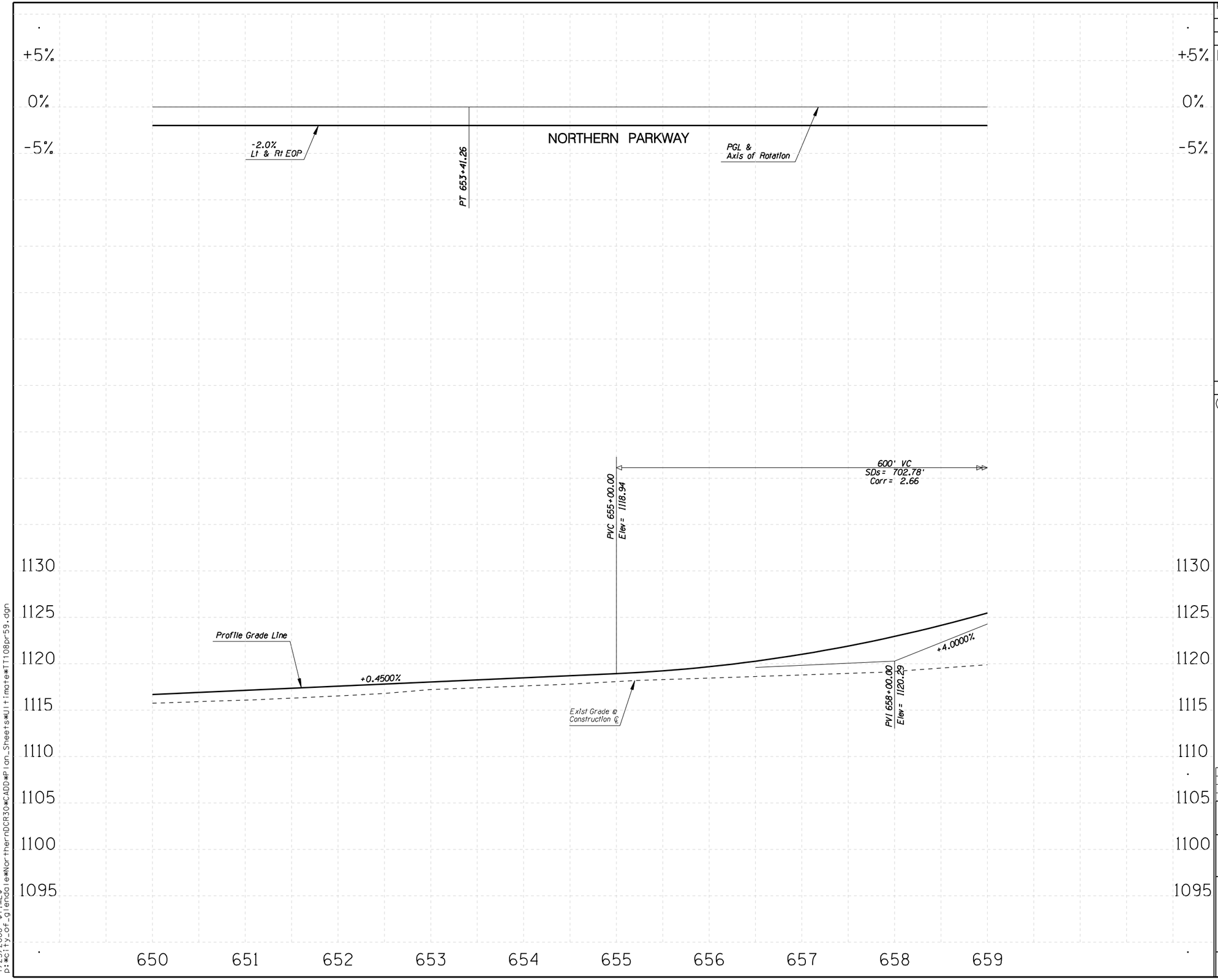
URS

PAVING PLAN SHEET
STA 650+00 TO STA 659+00

SHEET P115

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p159.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

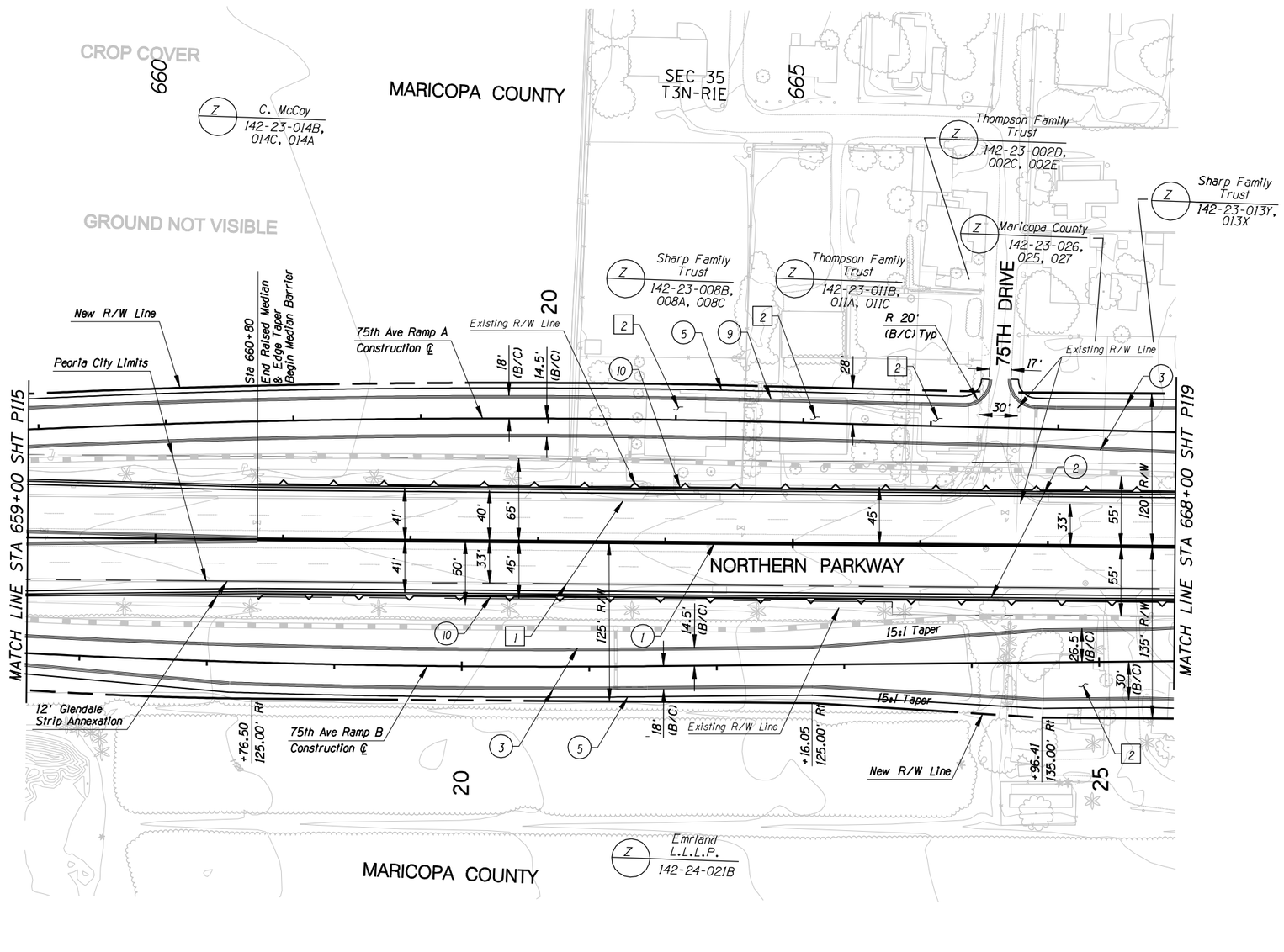
PROFILE SHEET
STA 650+00 TO STA 659+00

SHEET
P116

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr59.dgn



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

REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove House

CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6.
7.
8.
9. New D/W at Existing D/W Location
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

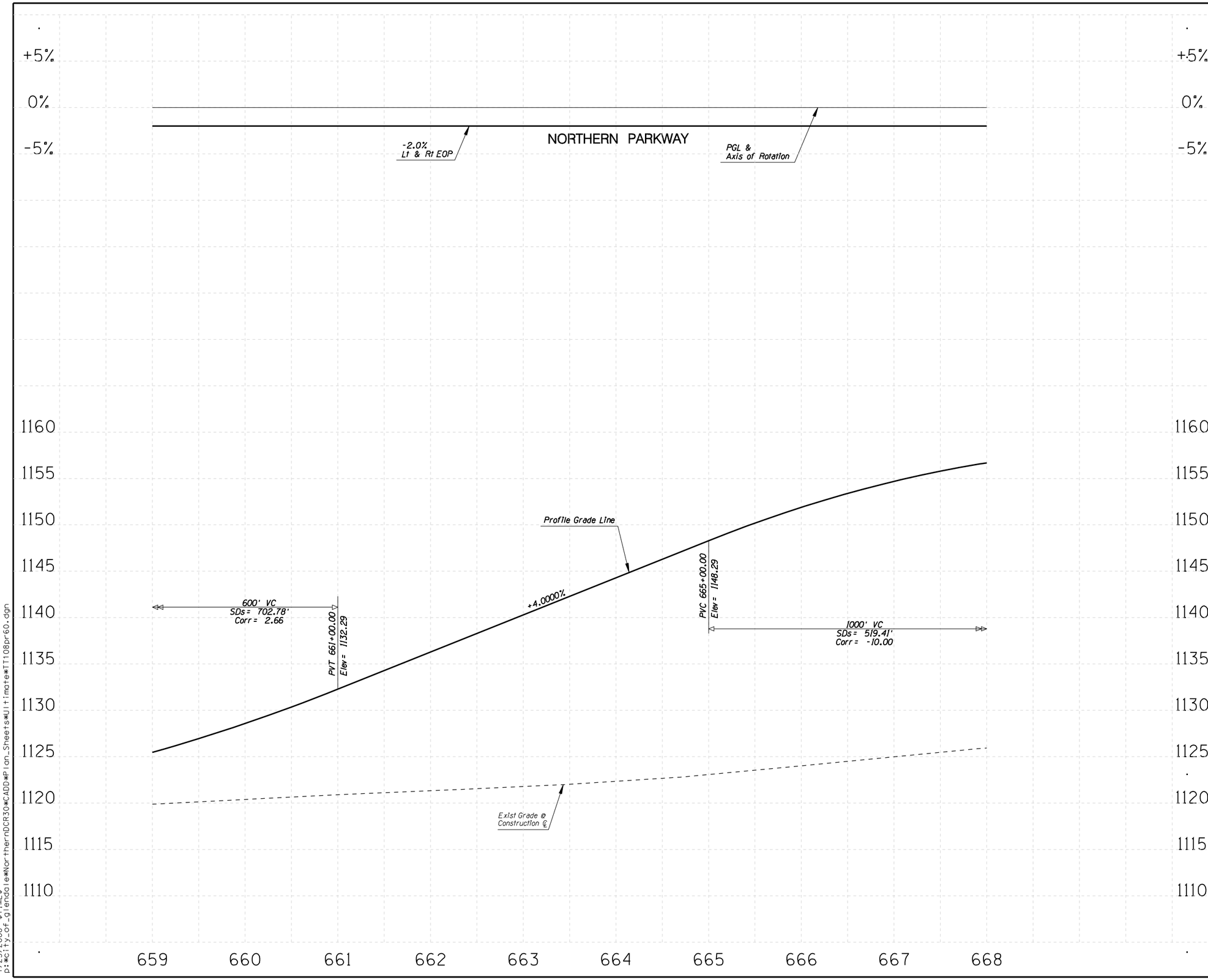
URS

PAVING PLAN SHEET
STA 659+00 TO STA 668+00

SHEET P117

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pl60.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

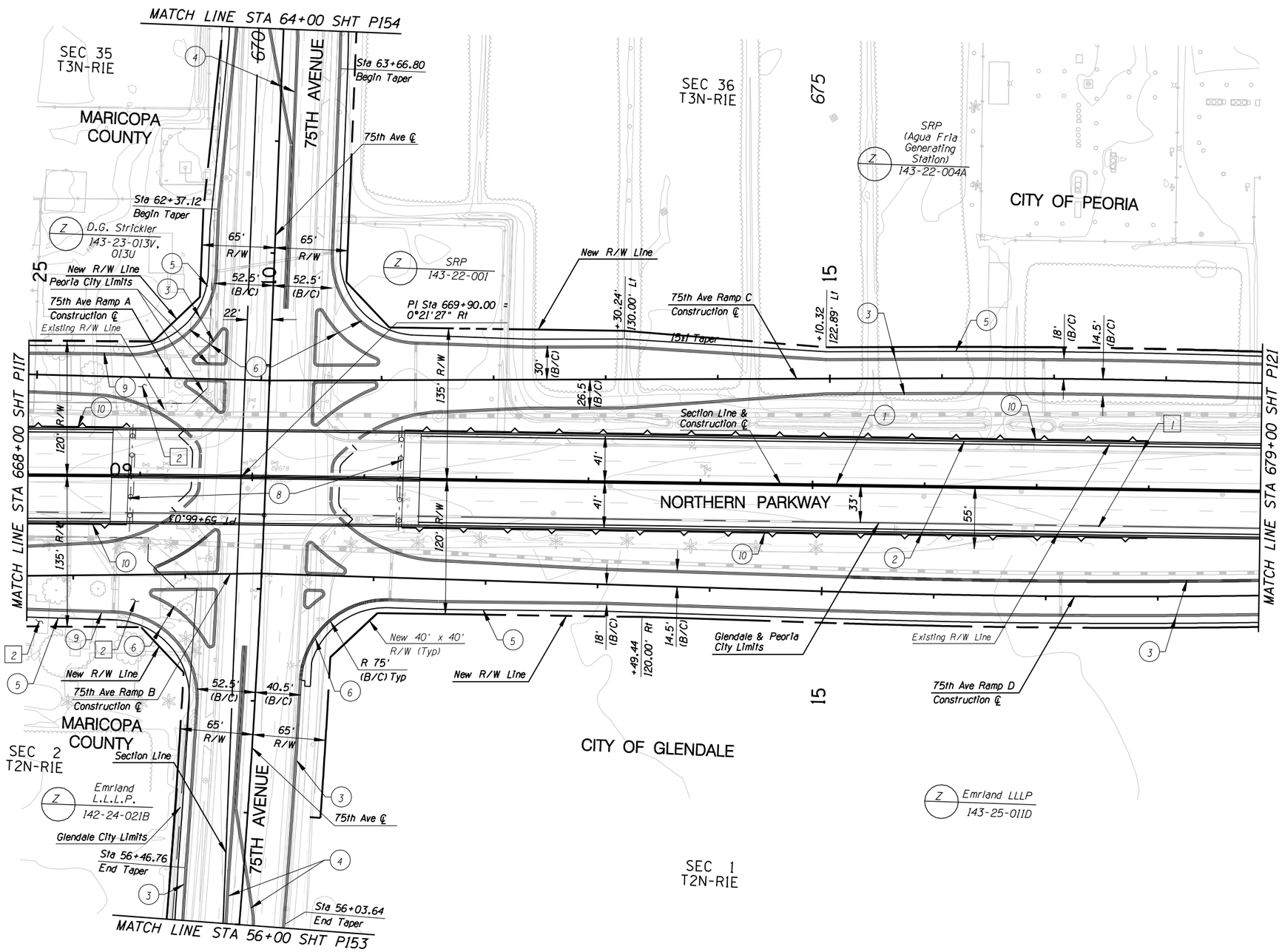
PROFILE SHEET
STA 659+00 TO STA 668+00

SHEET
P118

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr60.dgn



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

☐ REMOVAL /RELOCATE ☐

1. Remove Pvmt
2. Remove House

◯ CONSTRUCTION ◯

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9. New D/W at Existing D/W Locations
10. New Retaining Wall

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

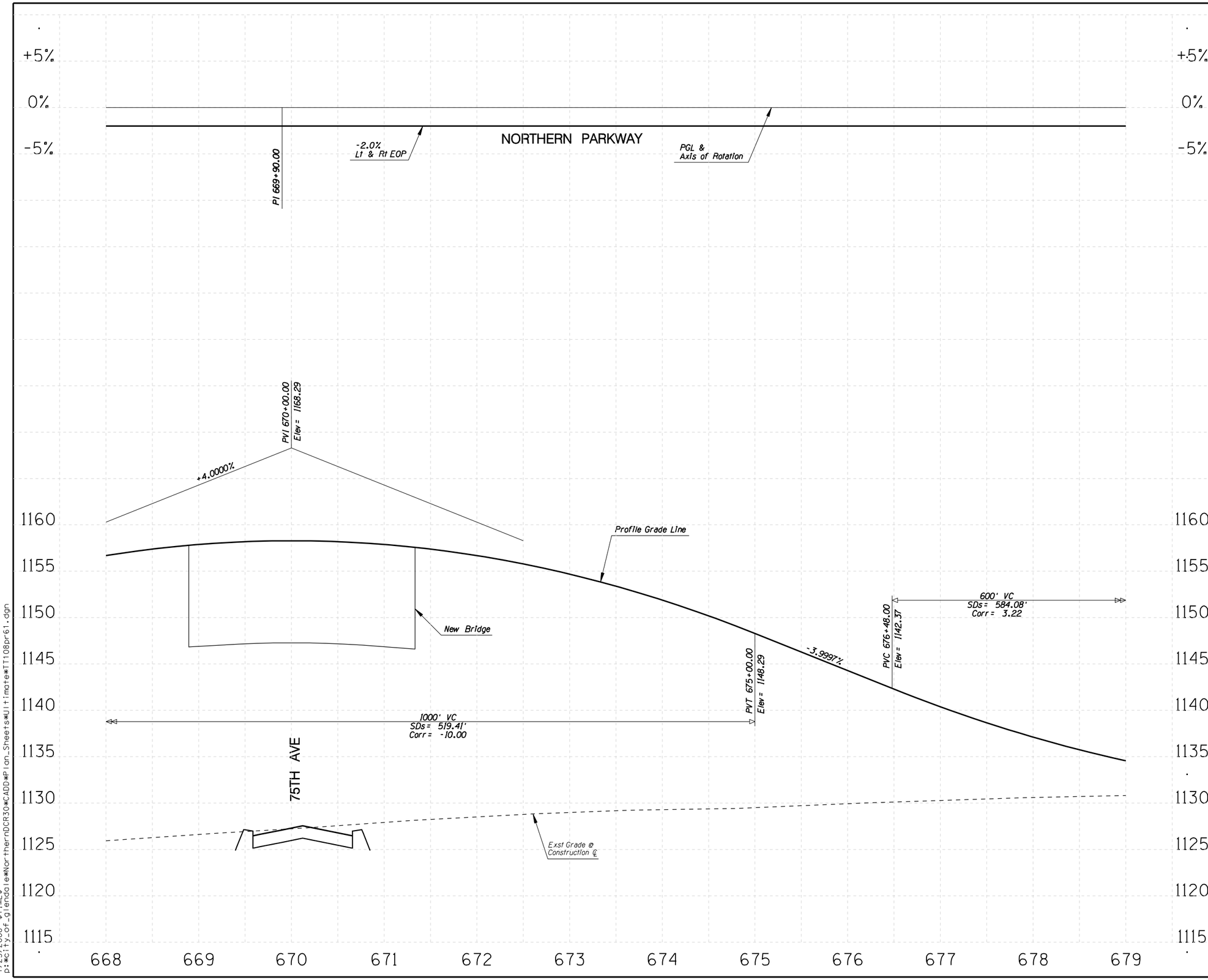
PAVING PLAN SHEET
STA 668+00 TO STA 679+00

SHEET
P119

TRACS NO. 0000 MA MMA SS593 OIC

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p161.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 668+00 TO STA 679+00

SHEET
P120

TRACS NO. 0000 MA MMA SS593 01C

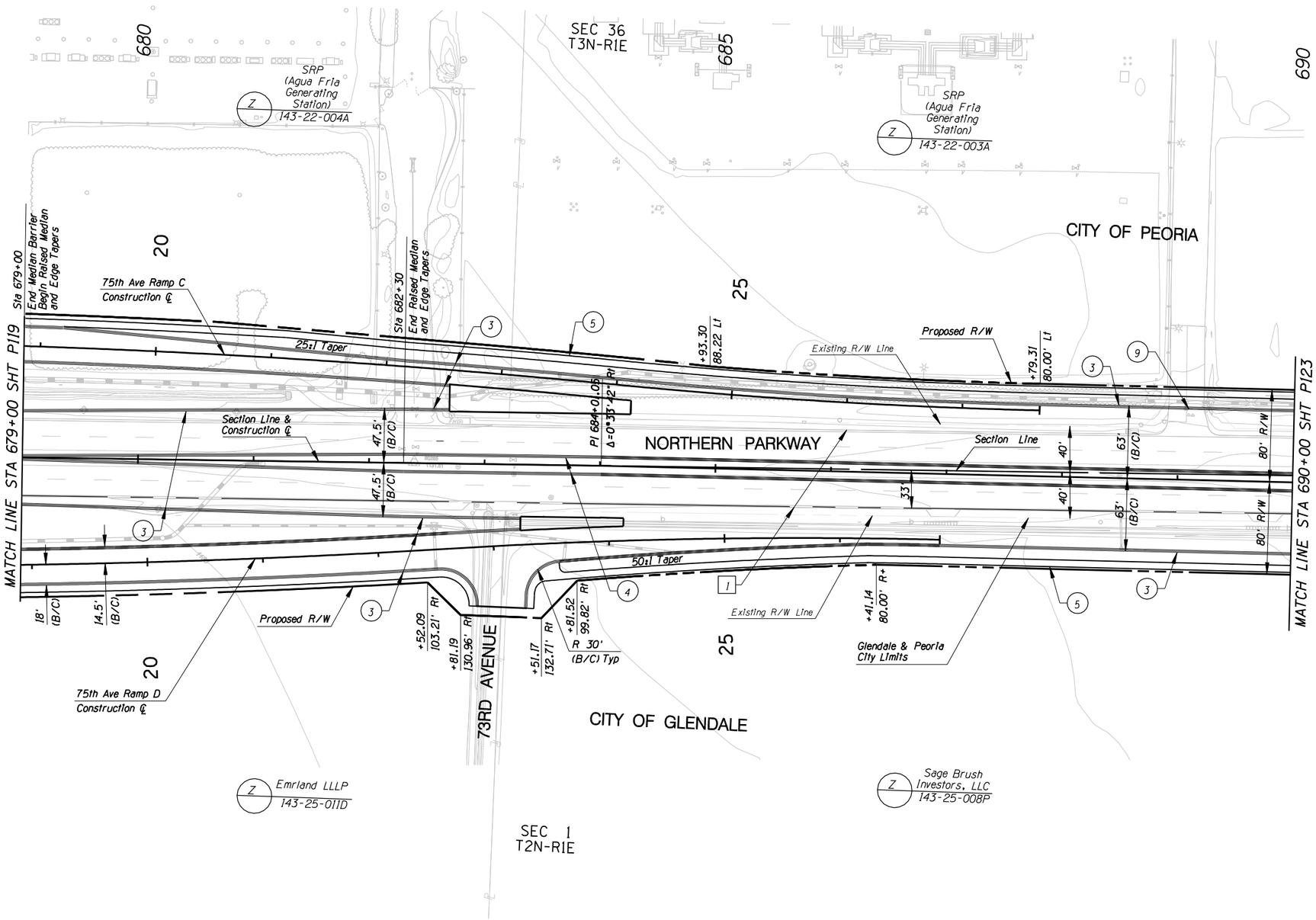
English

1/25/2008 $TIME$
p:*City_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr61.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



○ **CONSTRUCTION** ○

1
2 New Half Barrier
3 New Curb & Gutter
4 New Median Curb
5 New S/W
6
7
8
9 New D/W at Existing D/W Location

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

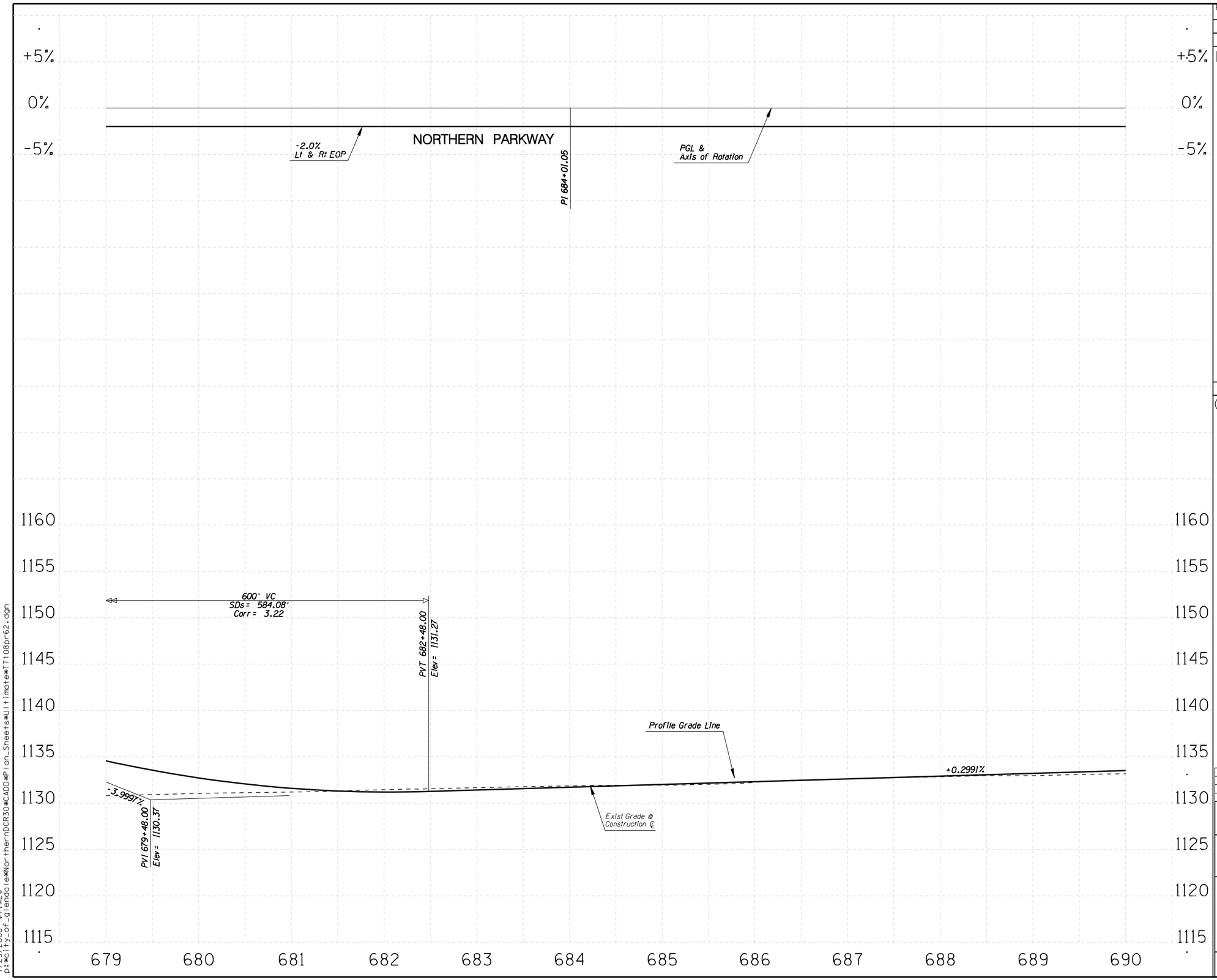
URS

PAVING PLAN SHEET
STA 679+00 TO STA 690+00

SHEET P121

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p162.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 679+00 TO STA 690+00

SHEET P122

TRACS NO. 0000 MA MMA SS593 01C

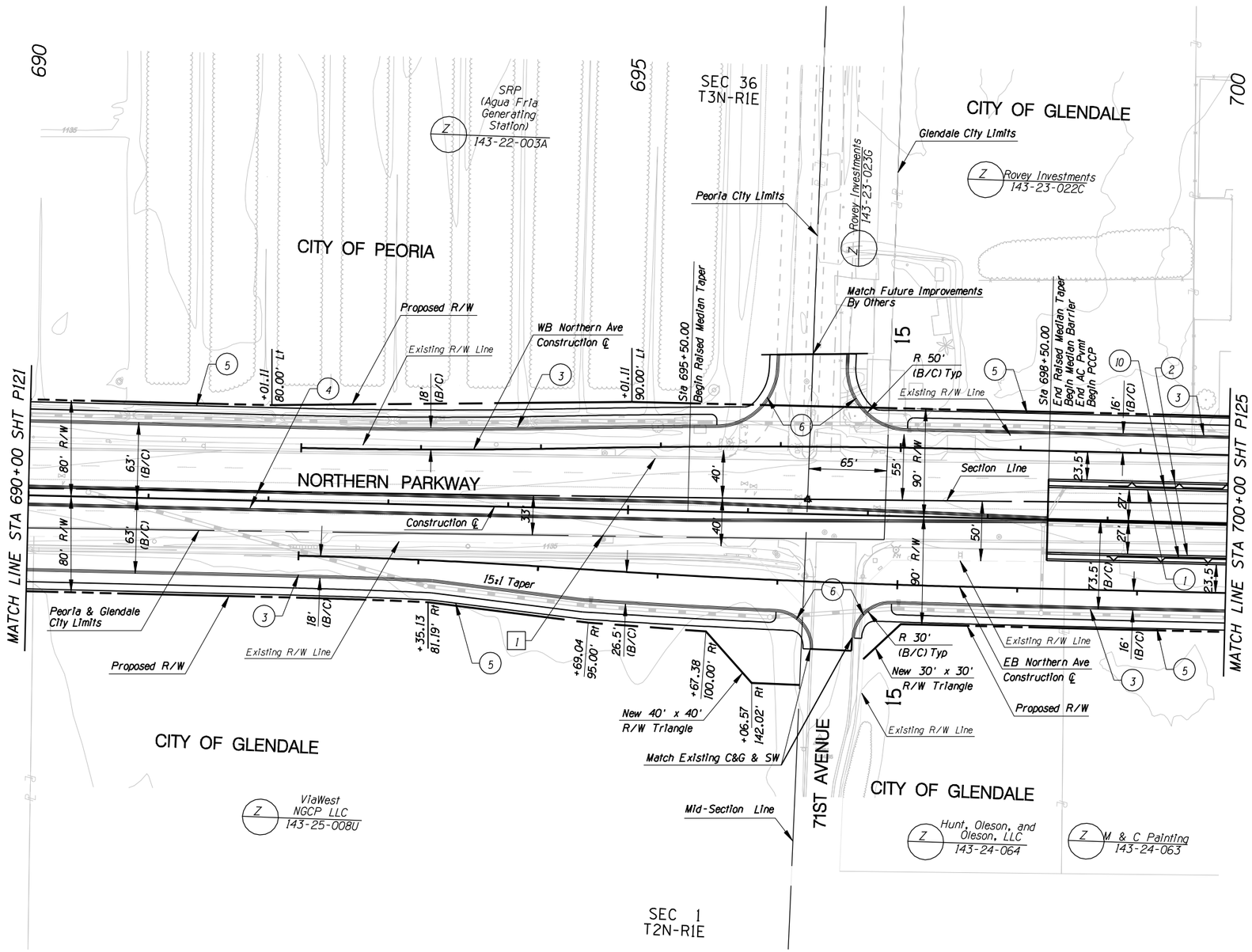
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr62.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



○ **CONSTRUCTION** ○

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8.
9.
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

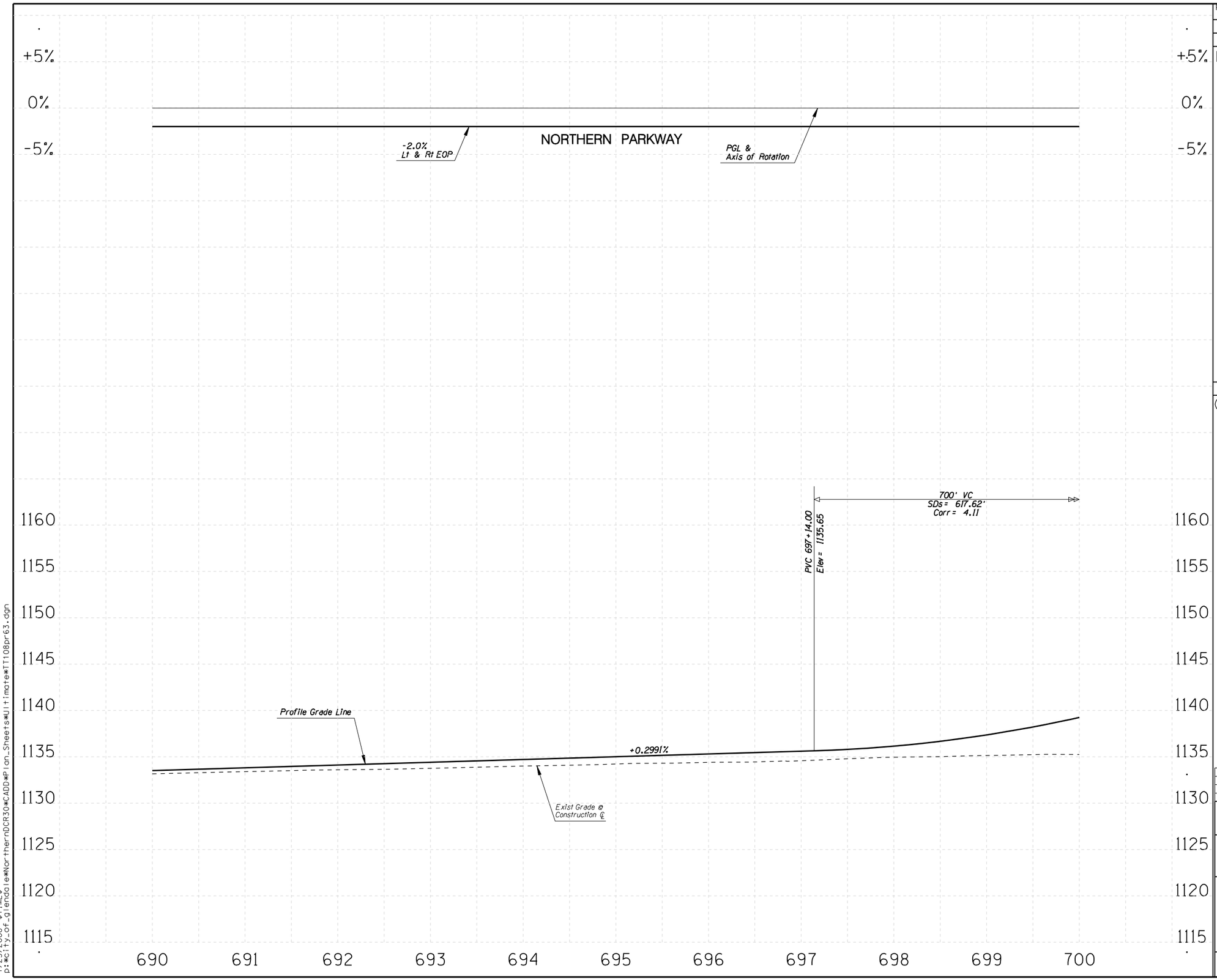
URS

PAVING PLAN SHEET
STA 690+00 TO STA 700+00

SHEET P123

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendal*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p163.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 690+00 TO STA 700+00

SHEET
P124

TRACS NO. 0000 MA MMA SS593 OIC

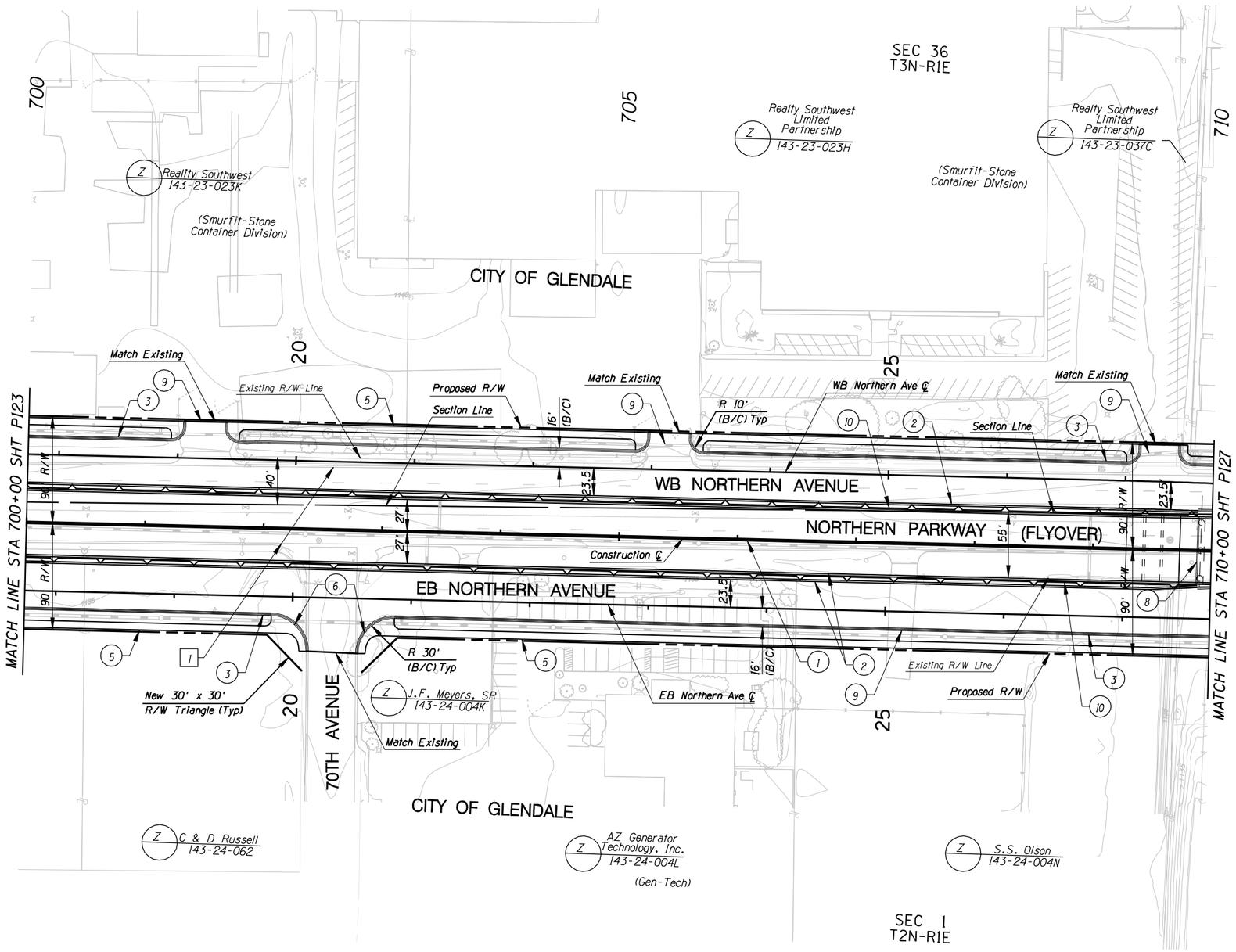
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr63.dgn

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

☐ **REMOVAL /RELOCATE** ☐

[1] Remove Pvmt



CONSTRUCTION

1. New Median Barrier
2. New Median Half Barrier
3. New Curb & Gutter
4.
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9. New D/W at Existing D/W Location
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

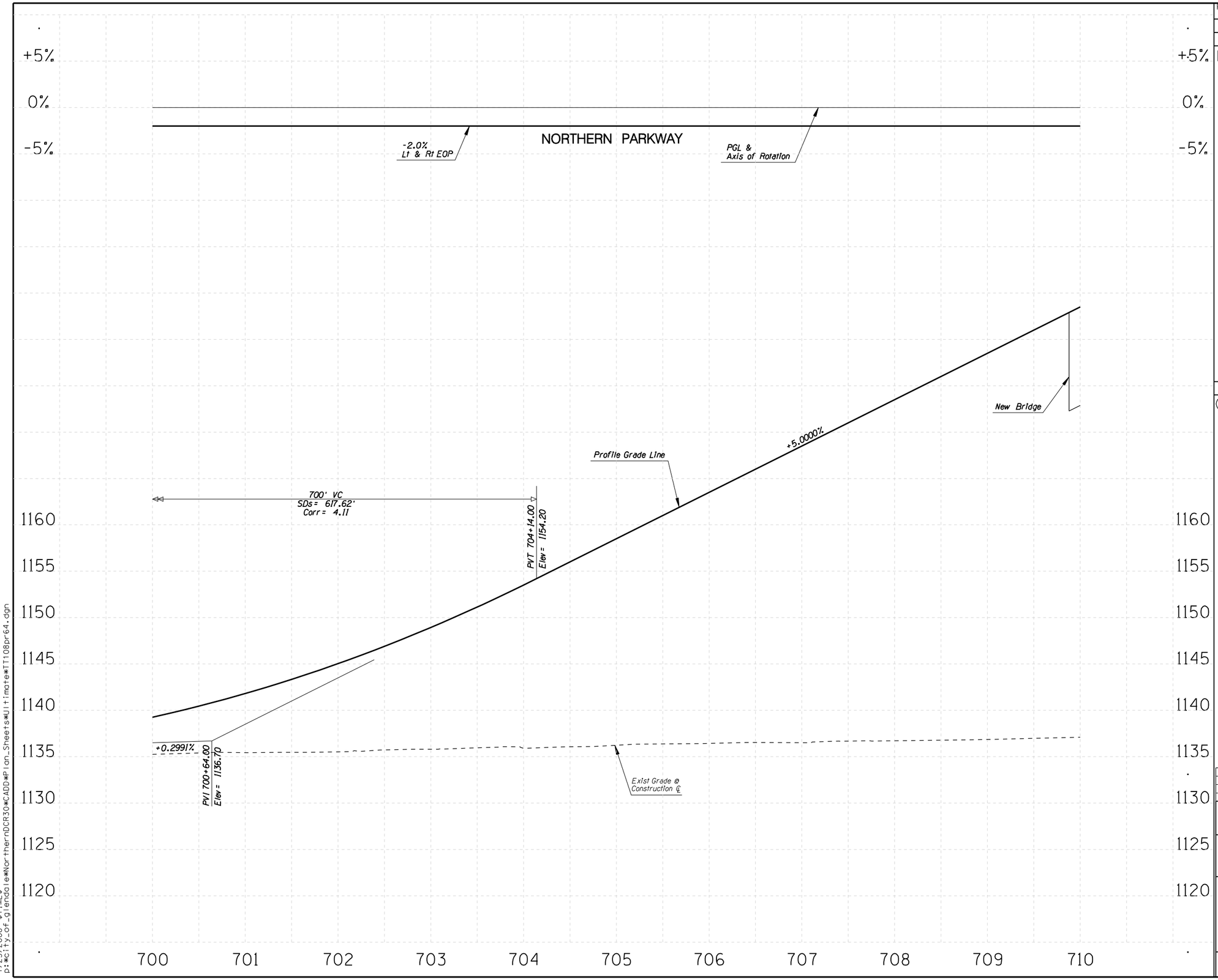
PAVING PLAN SHEET
STA 700+00 TO STA 710+00

SHEET P125

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p164.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 700+00 TO STA 710+00

SHEET P126

TRACS NO. 0000 MA MMA SS593 01C

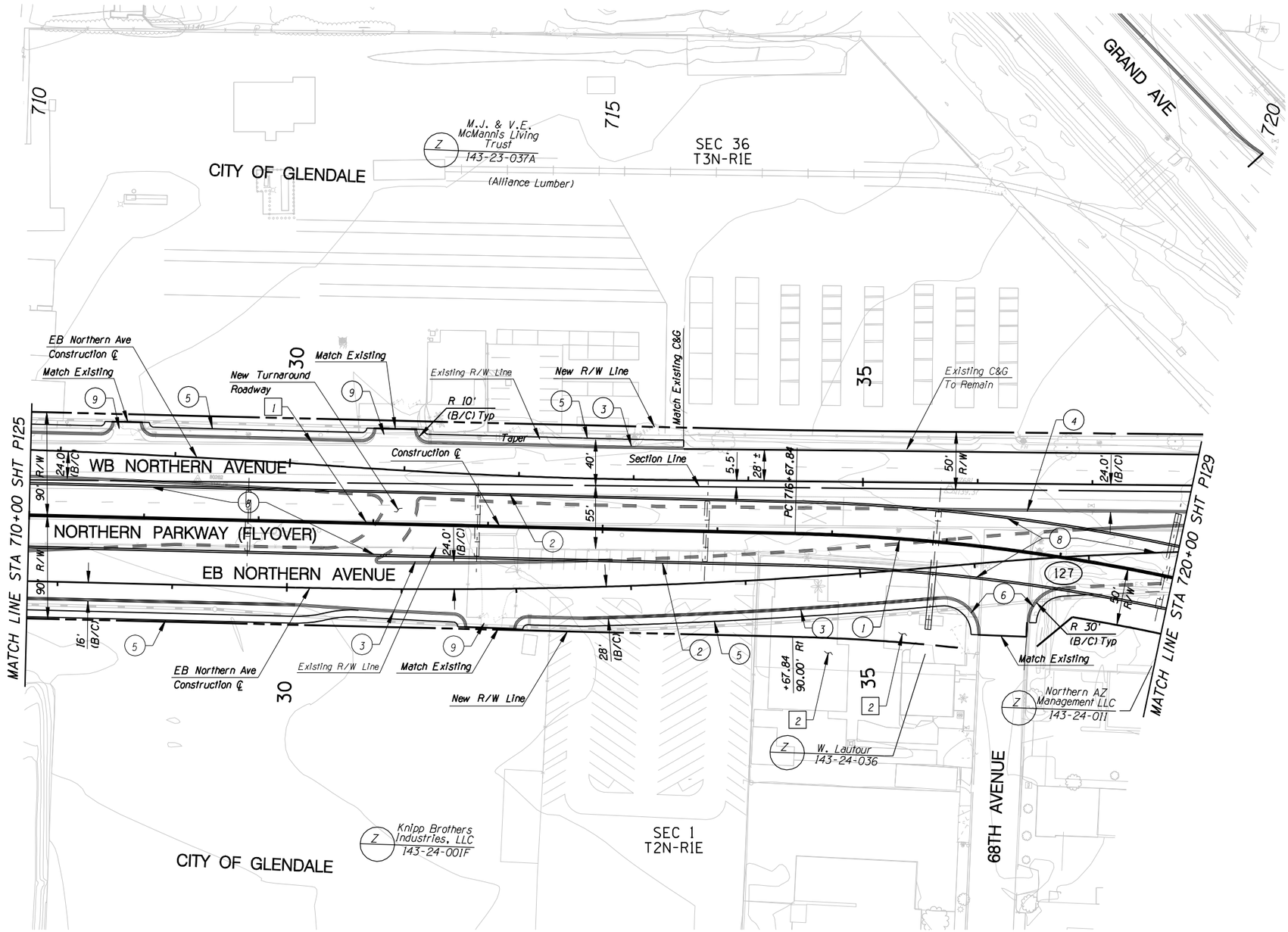
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108pr64.dgn

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

REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove Business



CONSTRUCTION

1. New Median Barrier
2. New Median Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9. New D/W at Existing D/W Location

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

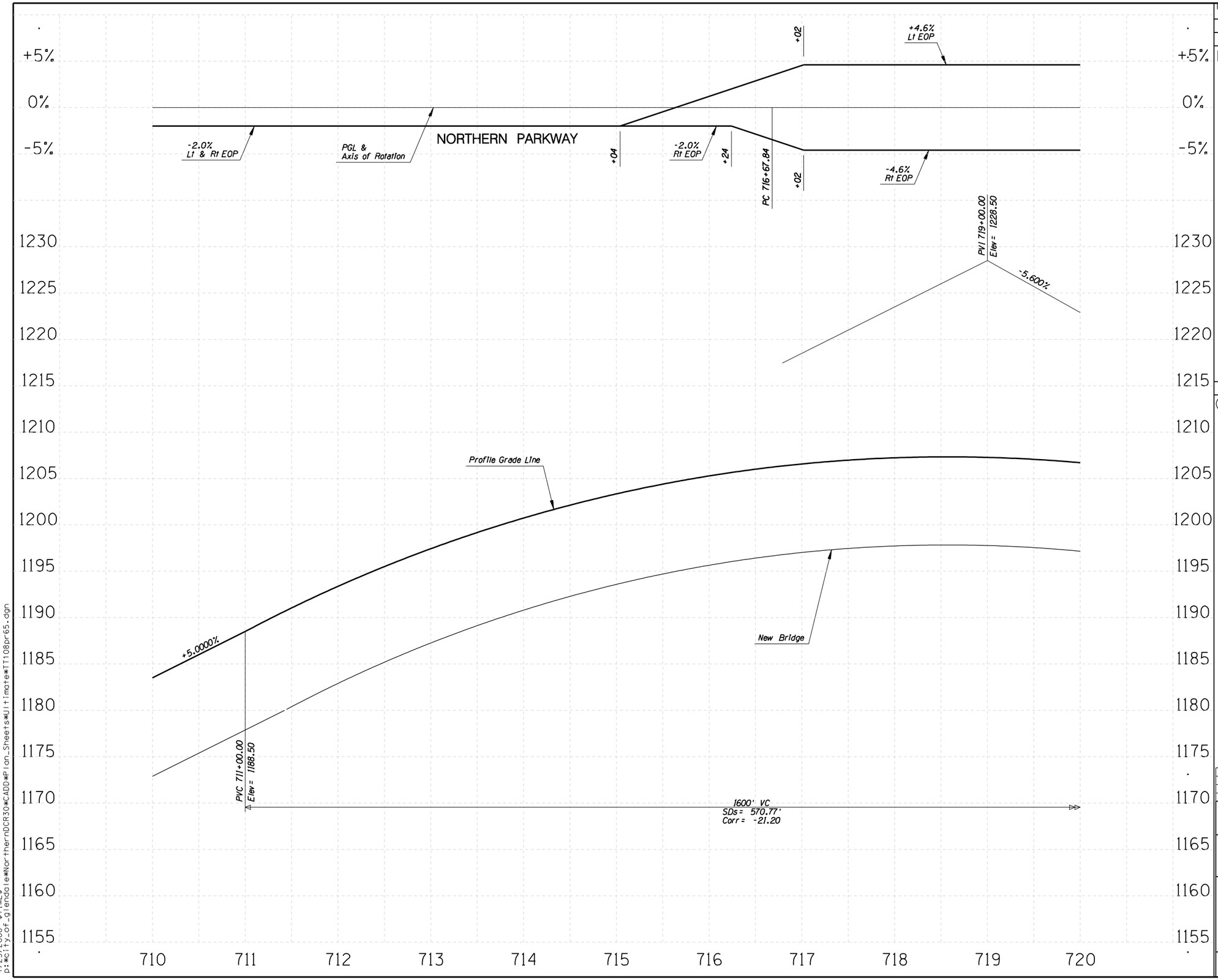
PAVING PLAN SHEET
STA 710+00 TO STA 720+00

SHEET P127

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p165.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 710+00 TO STA 720+00

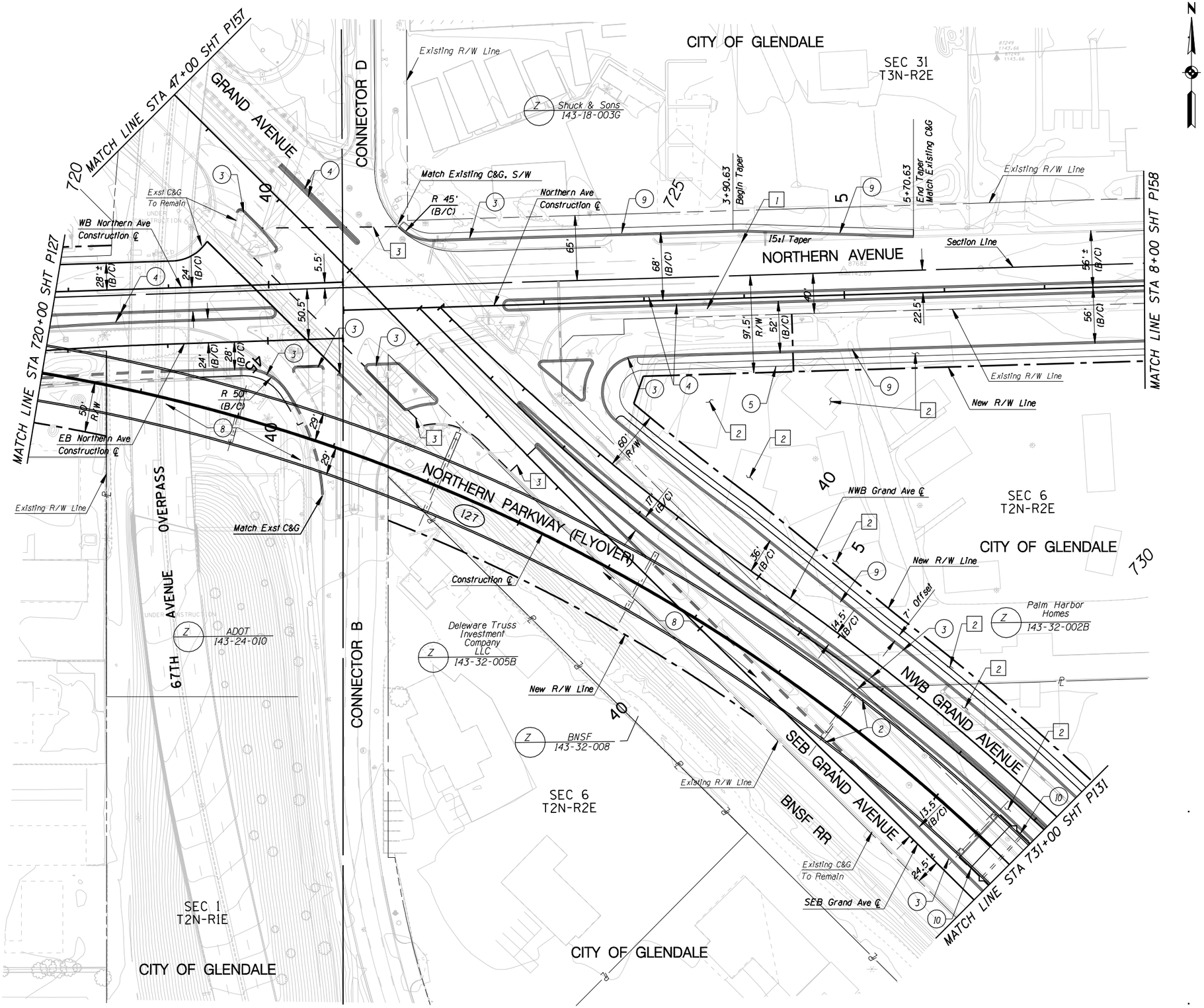
SHEET
P128

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*T1108pr65.dgn

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



REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove Business
3. Sawcut

CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp
7.
8. New Bridge
9. New D/W at Existing D/W Location
10. New Retaining Wall

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

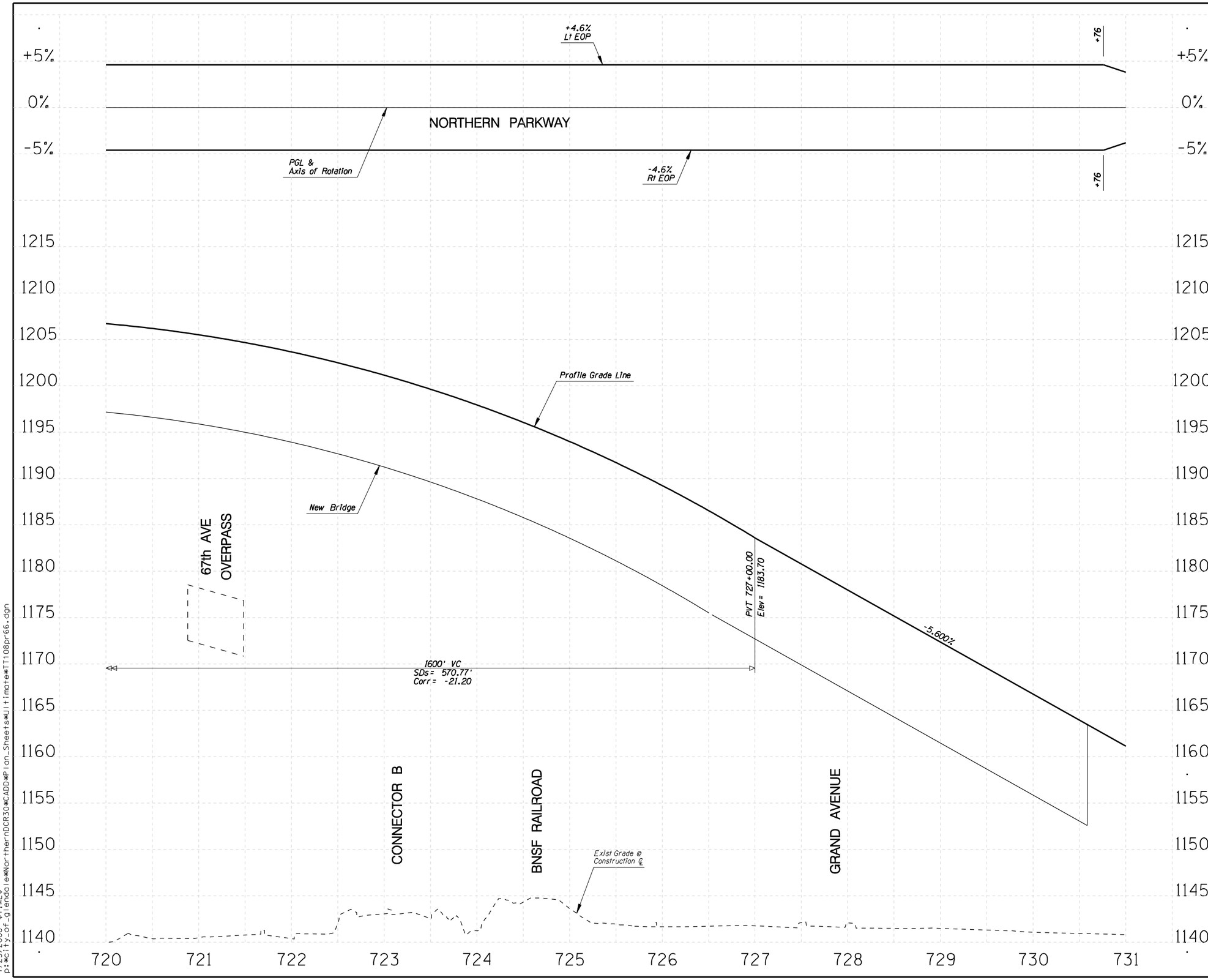
URS

PAVING PLAN SHEET
STA 720+00 TO STA 731+00

SHEET P129

TRACS NO. 0000 MA MMA SS593 01C

6/8/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*T1T08p166.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

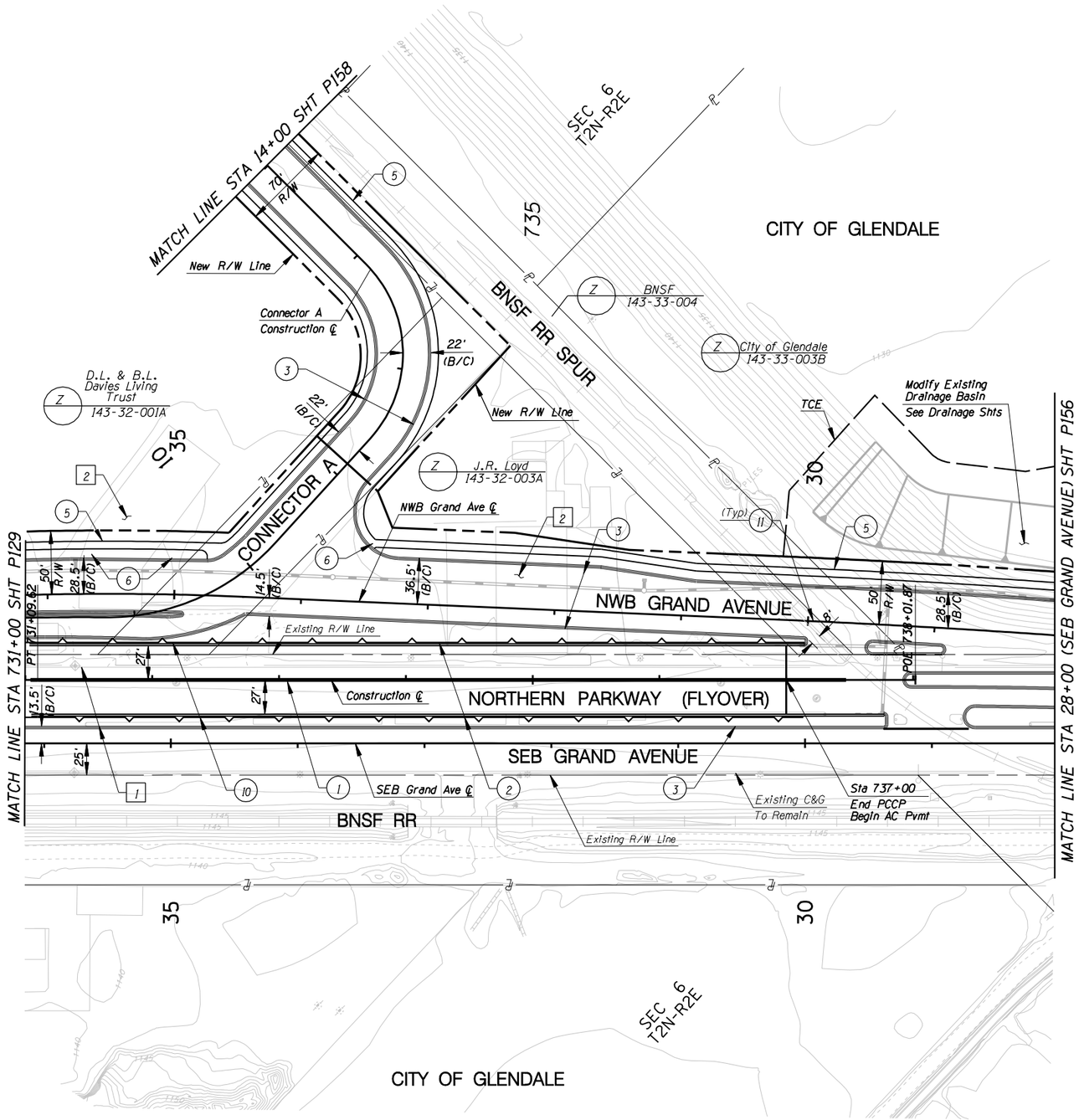
PROFILE SHEET
STA 720+00 TO STA 731+00

SHEET P130

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*T1108pr66.dgn

English



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

REMOVAL /RELOCATE

1. Remove Pvmt
2. Remove Business

CONSTRUCTION

1. New Median Barrier
2. New Half Barrier
3. New Curb & Gutter
4.
5. New S/W
6. New S/W Ramp
7.
8.
9.
10. New Retaining Wall
11. New RR Crossing

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

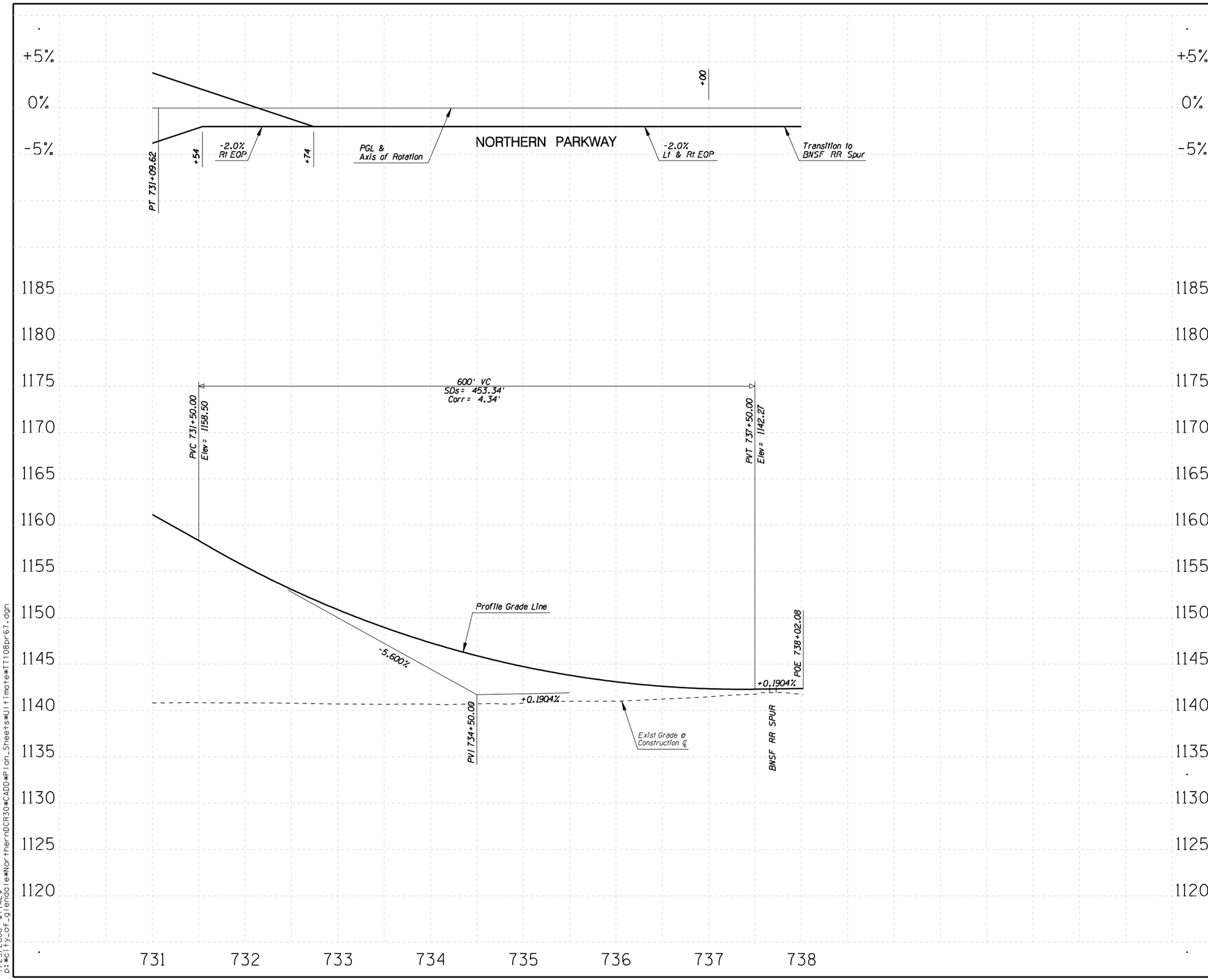
PAVING PLAN SHEET
STA 731+00 TO STA 738+00

SHEET
P131

TRACS NO. 0000 MA MMA SS593 OIC

English

5/28/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*TT108p167.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	1/08
DRAWN	R HOOKEY	1/08
CHECKED	R MILES	1/08

URS

PROFILE SHEET
STA 731+00 TO STA 738+00

SHEET
P132

TRACS NO. 0000 MA MMA SS593 01C

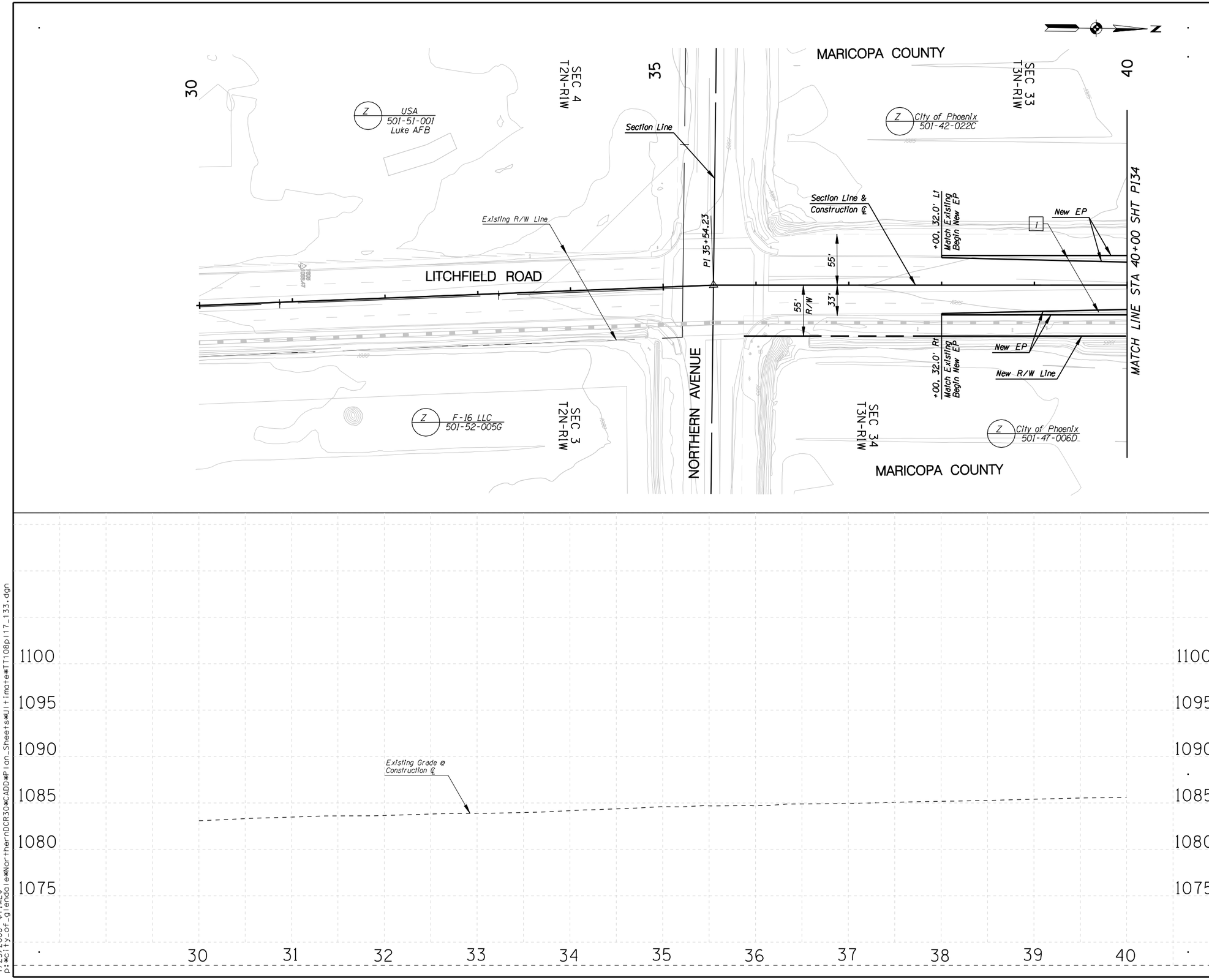
English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108pr67.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



☐ **CONSTRUCTION** ☐

1
2
3 New Curb & Guter
4 New Median Curb

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

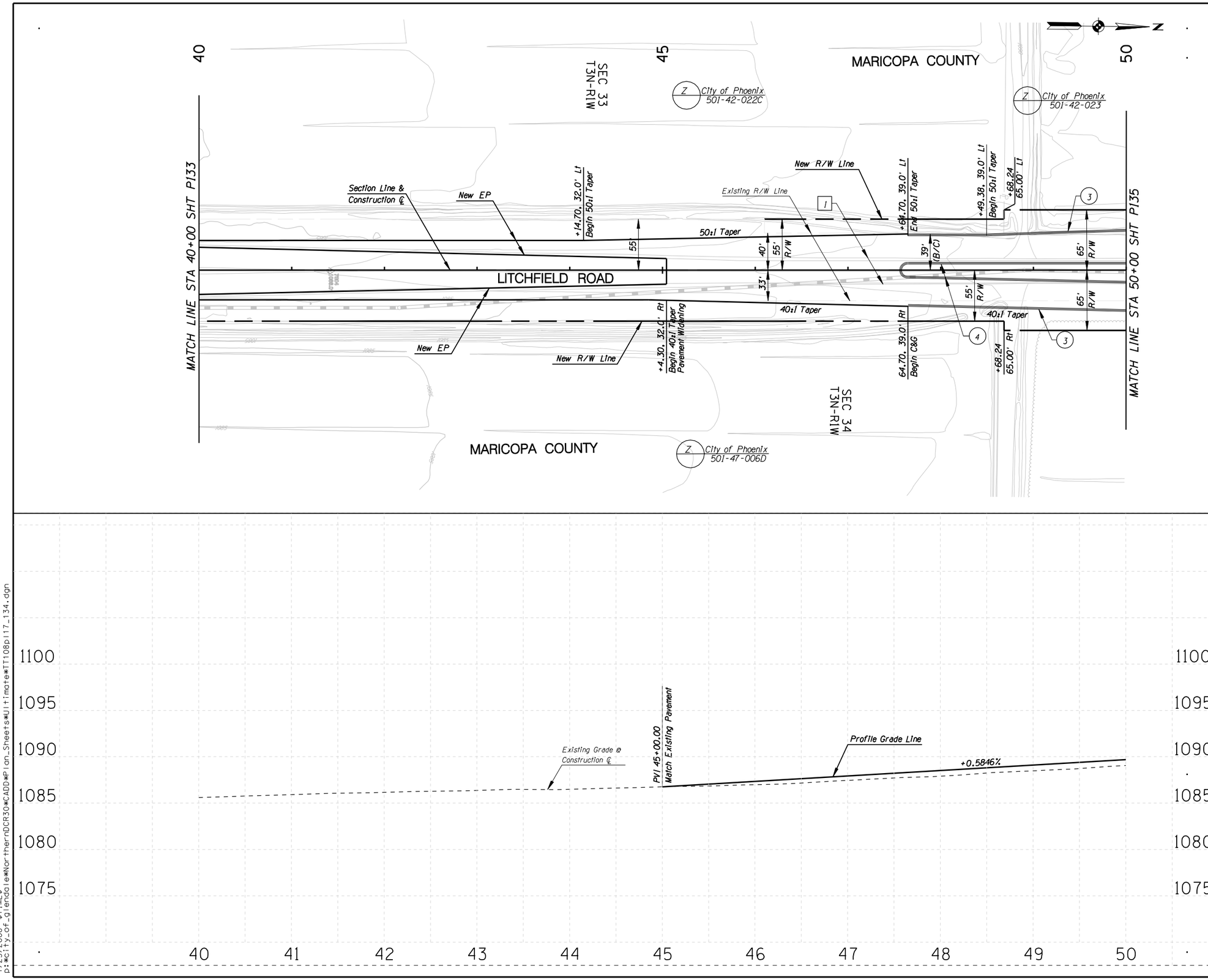
LITCHFIELD RD PLAN & PROFILE SHEET
STA 30+00 TO STA 40+00

SHEET P133

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p117_133.dgn

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



REMOVAL /RELOCATE

1 Remove Pvmt

CONSTRUCTION

1
2
3 New Curb & Guter
4 New Median Curb

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

LITCHFIELD RD PLAN & PROFILE SHEET
STA 40+00 TO STA 50+00

SHEET P134

TRACS NO. 0000 MA MMA SS593 01C

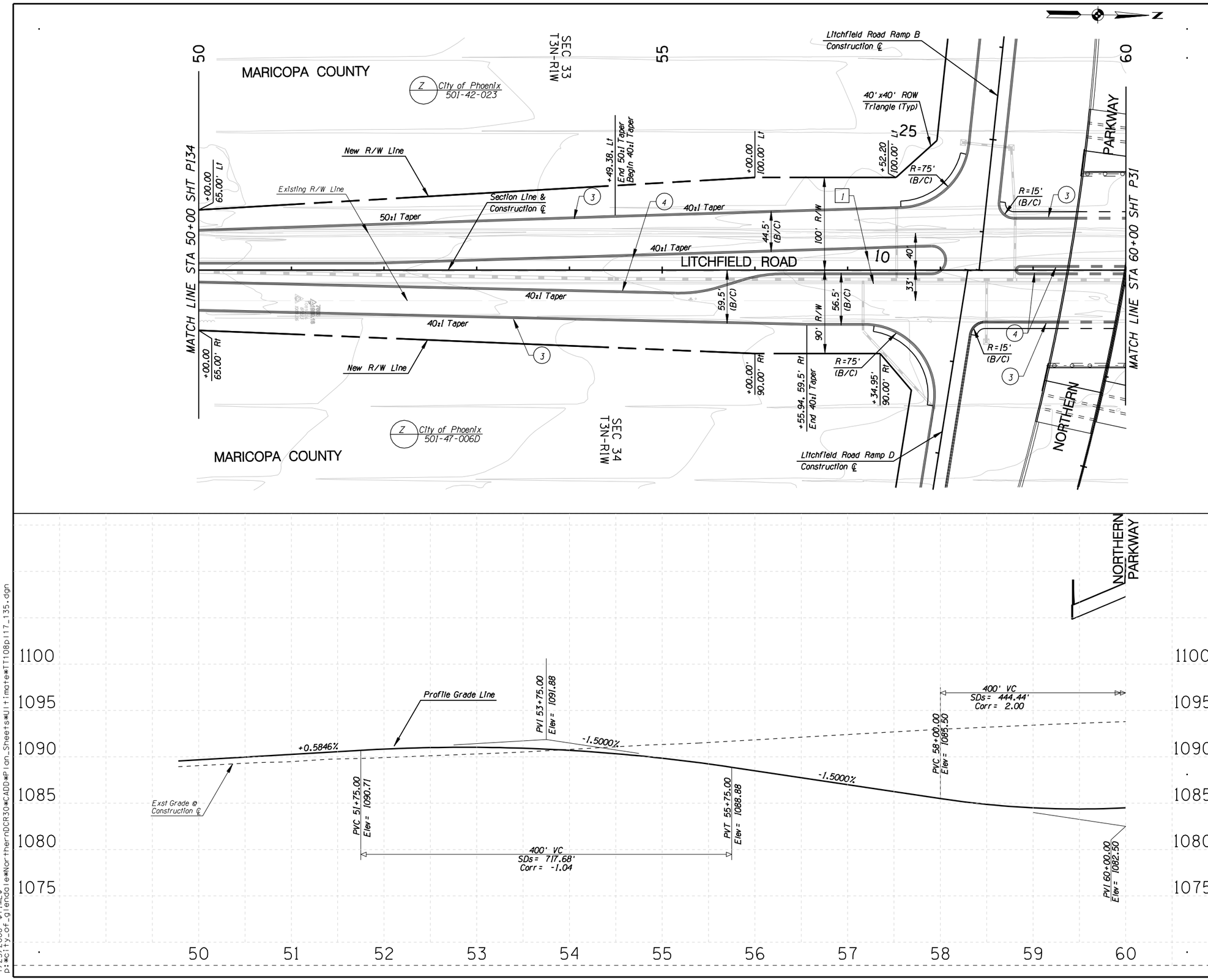
1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p117_134.dgn

English

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

☐ **REMOVAL /RELOCATE** ☐

1 Remove Pvmt



CONSTRUCTION

1
2
3 New Curb & Guter
4 New Median Curb

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

LITCHFIELD RD PLAN & PROFILE SHEET
STA 50+00 TO STA 60+00

SHEET P135

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p117_135.dgn

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

REMOVAL /RELOCATE

1 Remove Pvmt

CONSTRUCTION

1
2
3 New Curb & Gutter
4 New Median Curb
5 New S/W

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

LITCHFIELD RD PLAN & PROFILE SHEET
STA 60+00 TO STA 70+00

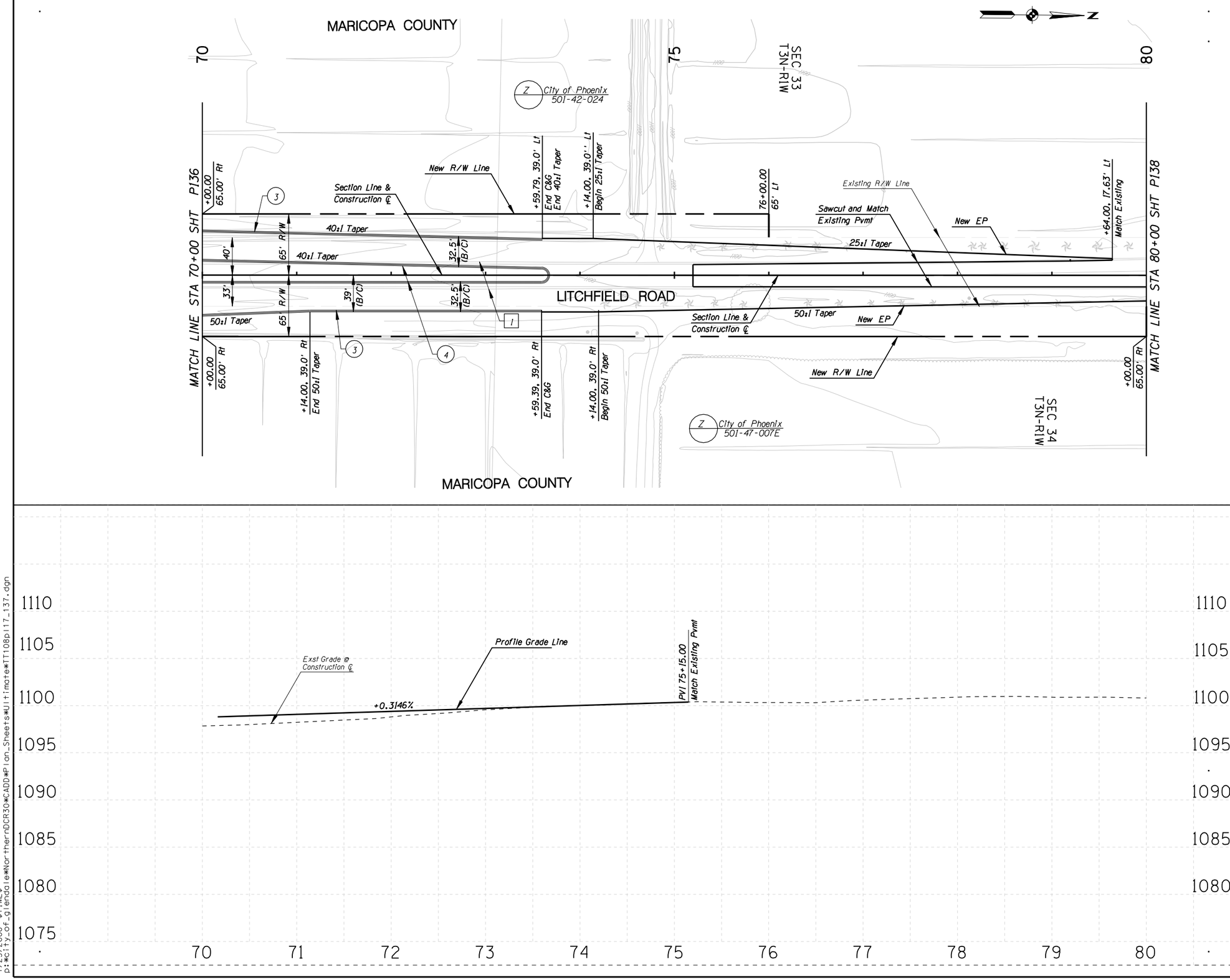
SHEET P136

TRACS NO. 0000 MA MMA SS593 OIC

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p117_136.dgn

English

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



REMOVAL /RELOCATE

1 Remove Pvmt

CONSTRUCTION

1
2
3 New Curb & Gutter
4 New Median Curb

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

LITCHFIELD RD PLAN & PROFILE SHEET
STA 70+00 TO STA 80+00

SHEET
P137

TRACS NO. 0000 MA MMA SS593 01C

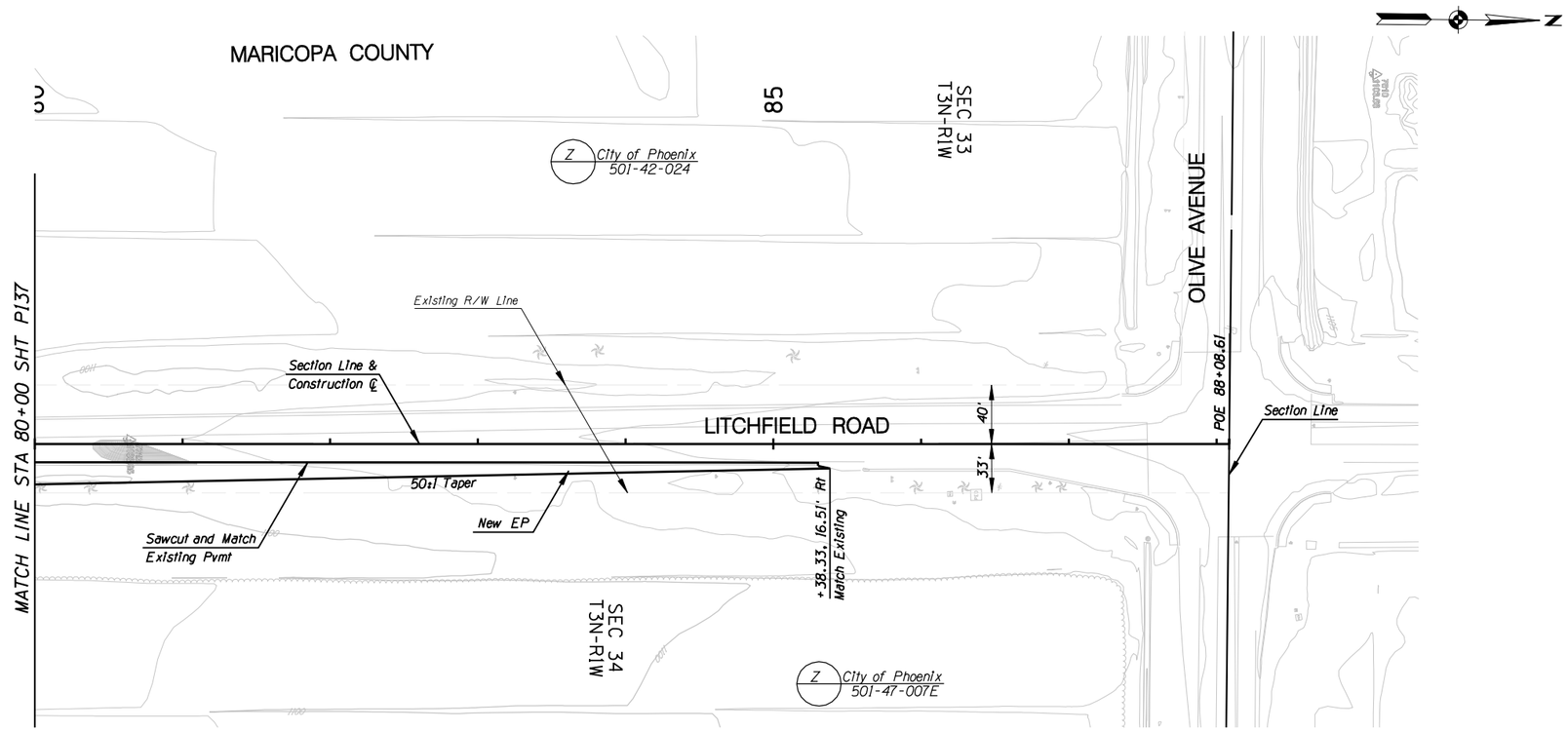
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p117_137.dgn

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

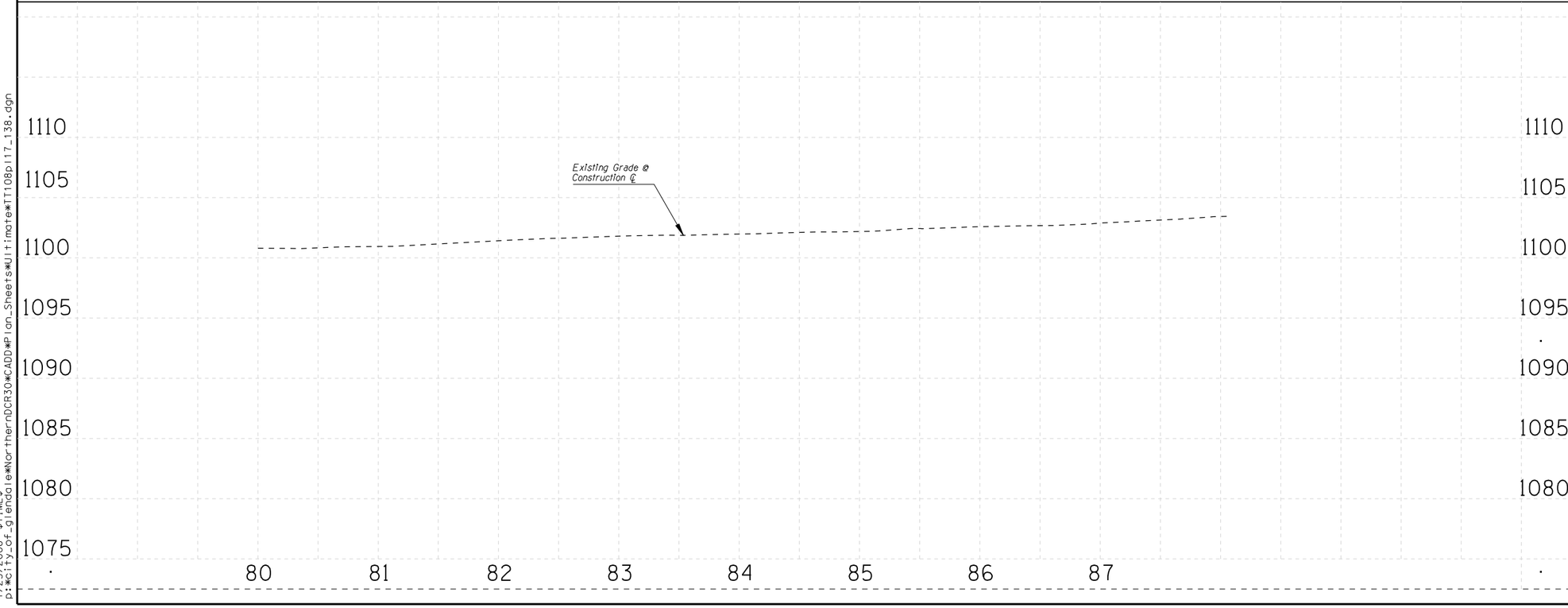
☐ **REMOVAL /RELOCATE** ☐

1



○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

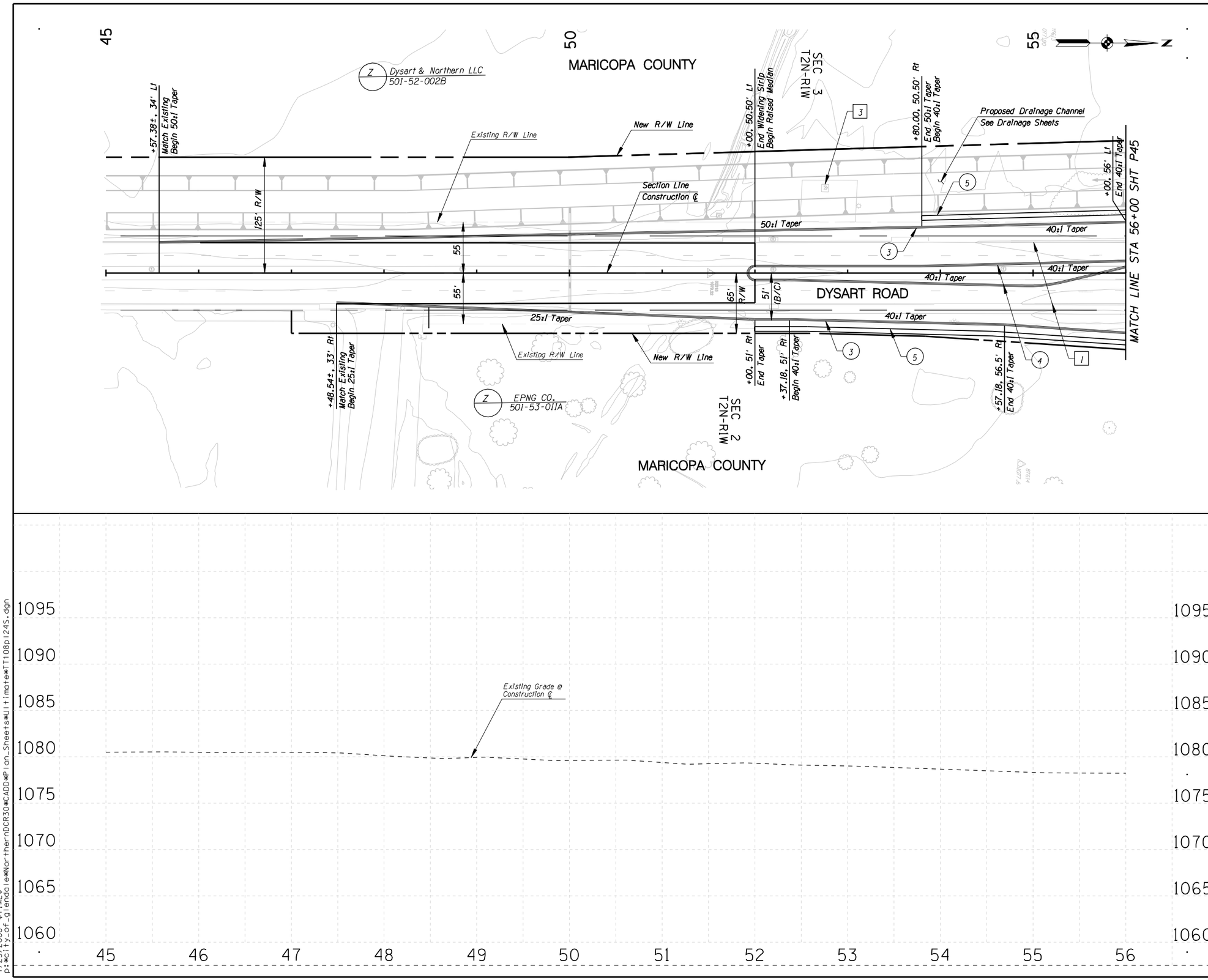
LITCHFIELD RD PLAN & PROFILE SHEET
STA 80+00 TO STA 85+30

SHEET
P138

TRACS NO. 0000 MA MMA SS593 OIC

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p117_138.dgn

English



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

REMOVAL /RELOCATE

1. Remove Pvmt
2.
3. Relocate Well

CONSTRUCTION

1.
2.
3. New Curb & Gutter
4. New Median Curb
5. New S/W

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

DYSART RD PLAN & PROFILE SHEET
STA 47+57 TO STA 56+00

SHEET P139

TRACS NO. 0000 MA MMA SS593 01C

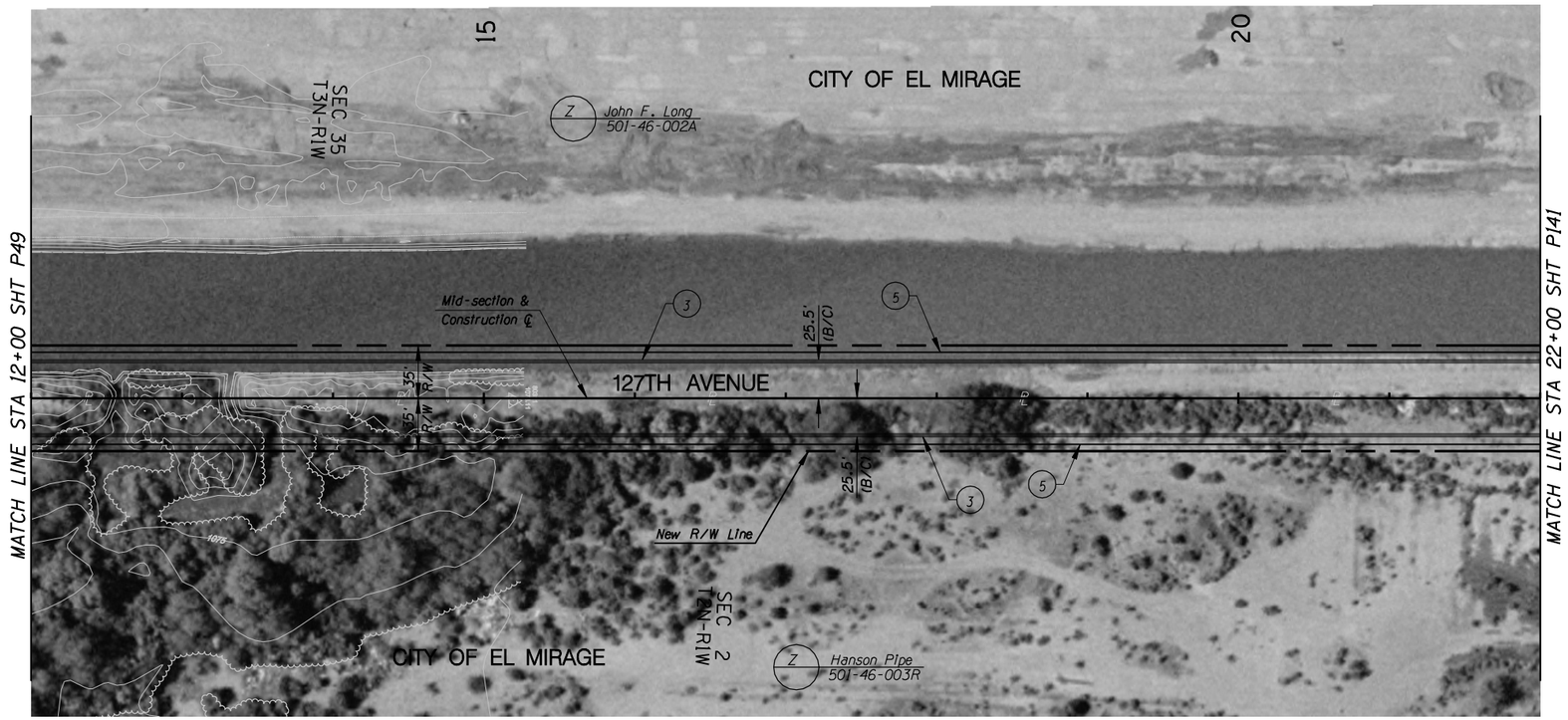
1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p124S.dgn

English

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

☐ **REMOVAL /RELOCATE** ☐

1



CONSTRUCTION

1
2
3 New Curb & Gutter
4
5 New S/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

127Th PLAN & PROFILE SHEET
STA 12+00 TO STA 22+00

SHEET
P140

TRACS NO. 0000 MA MMA SS593 01C

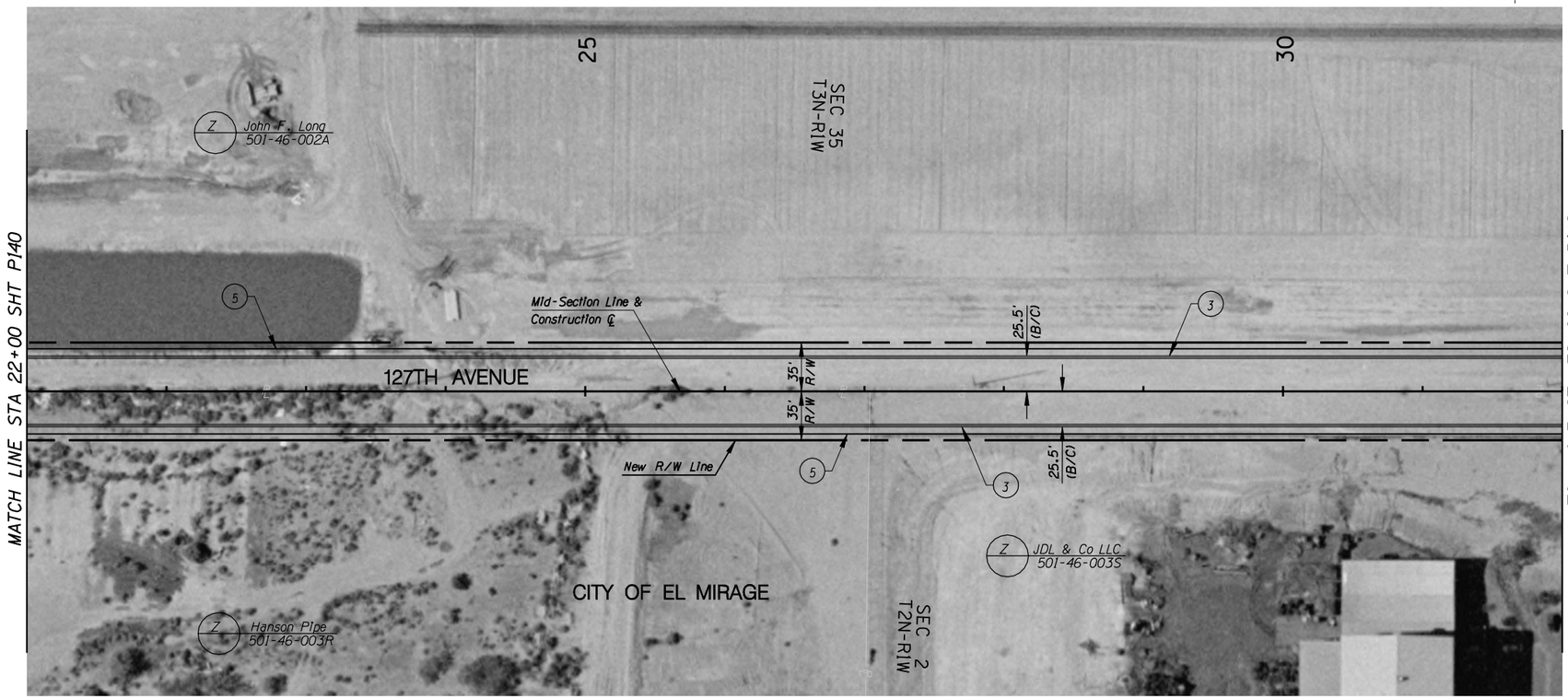
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p181.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



○ **CONSTRUCTION** ○

1
2
3 New Curb & Gutter
4
5 New S/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

127Th PLAN & PROFILE SHEET
STA 22+00 TO STA 32+00

SHEET
P141

TRACS NO. 0000 MA MMA SS593 01C

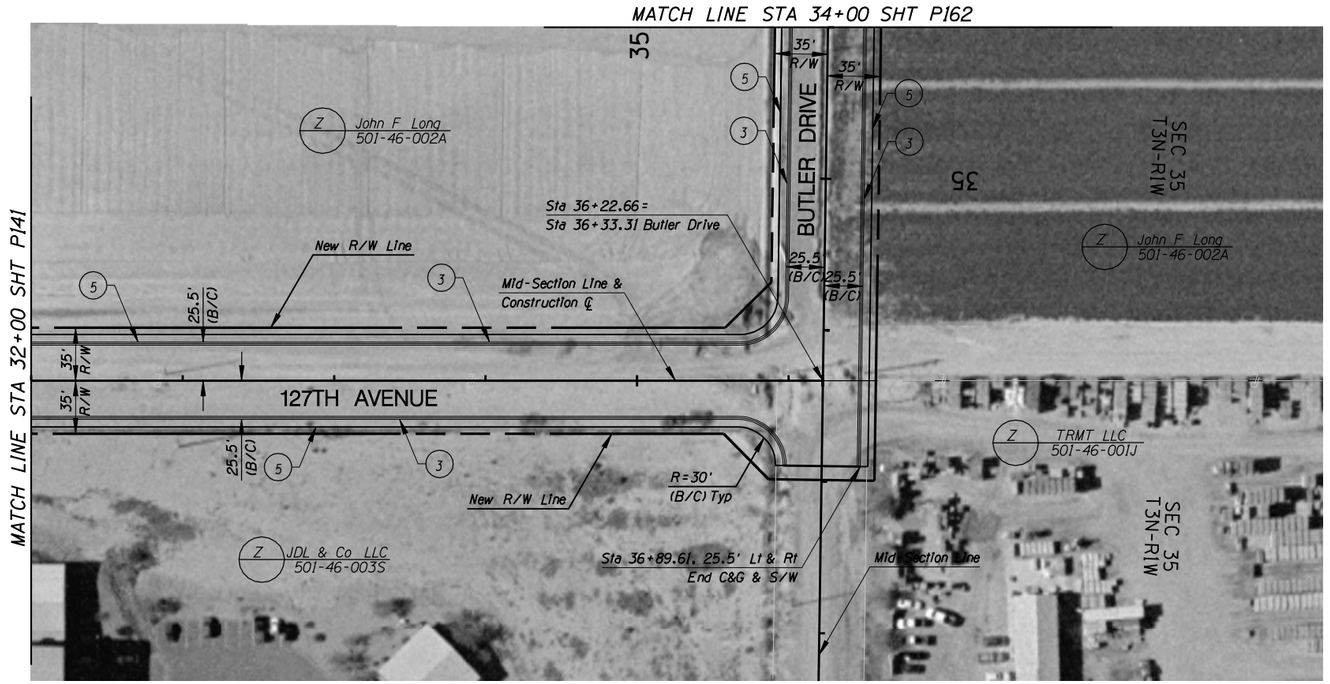
English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p182.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



☐ **CONSTRUCTION** ☐

1
2
3 New Curb & Gutter
4
5 New S/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

127Th PLAN & PROFILE SHEET
STA 32+00 TO STA 36+22

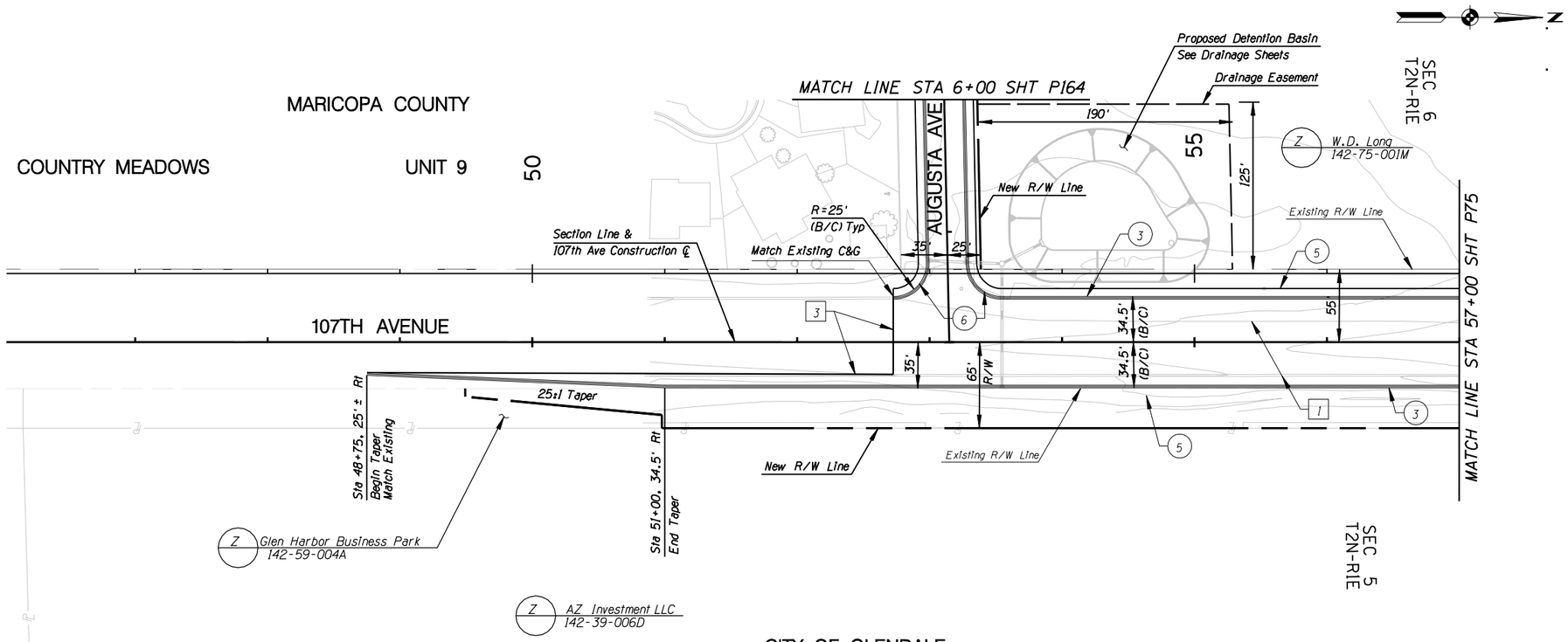
SHEET P142

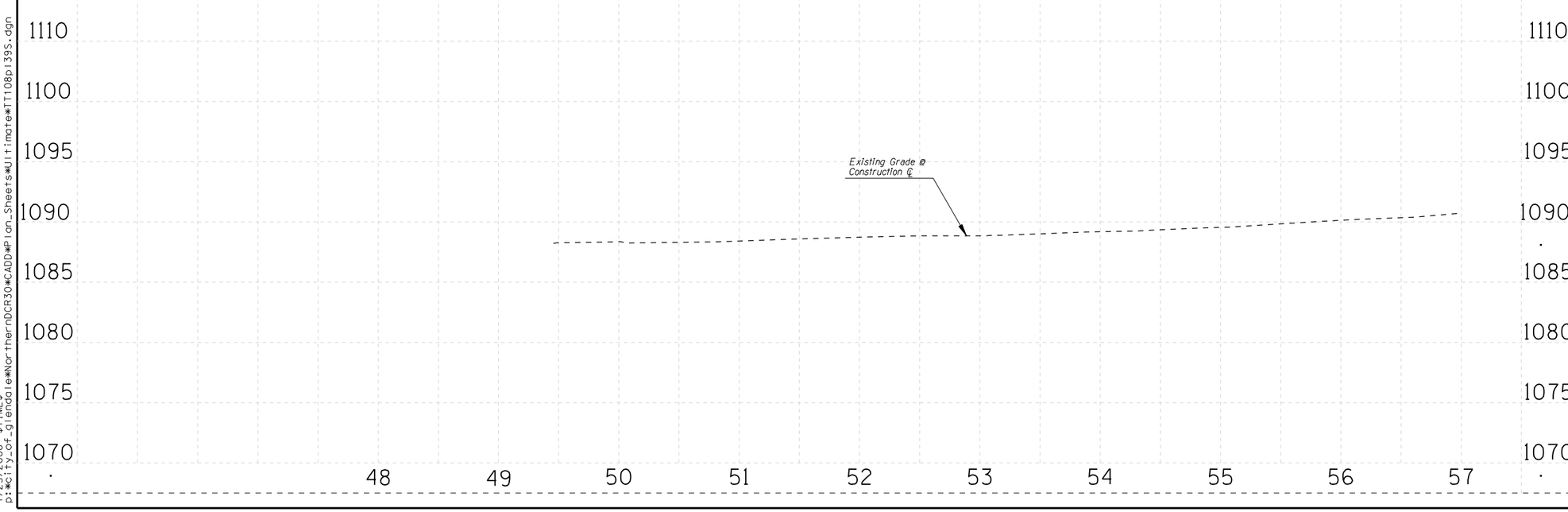
TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p183.dgn

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





REMOVAL /RELOCATE

1. Remove Pvmt
2.
3. Sawcut

CONSTRUCTION

1.
2.
3. New Curb & Gutter
4.
5. New S/W
6. New S/W Ramp

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

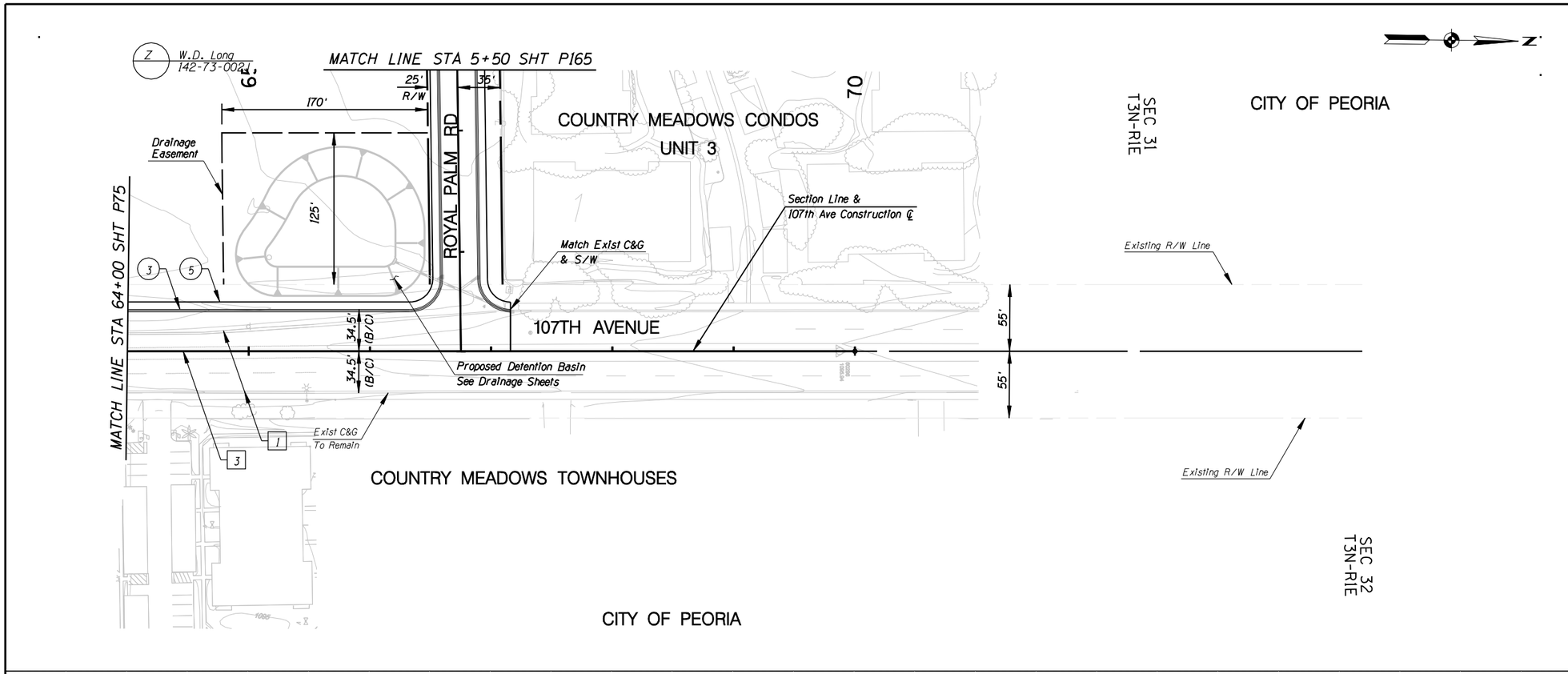
107TH AVE PLAN & PROFILE SHEET
STA 50+00 TO STA 57+00

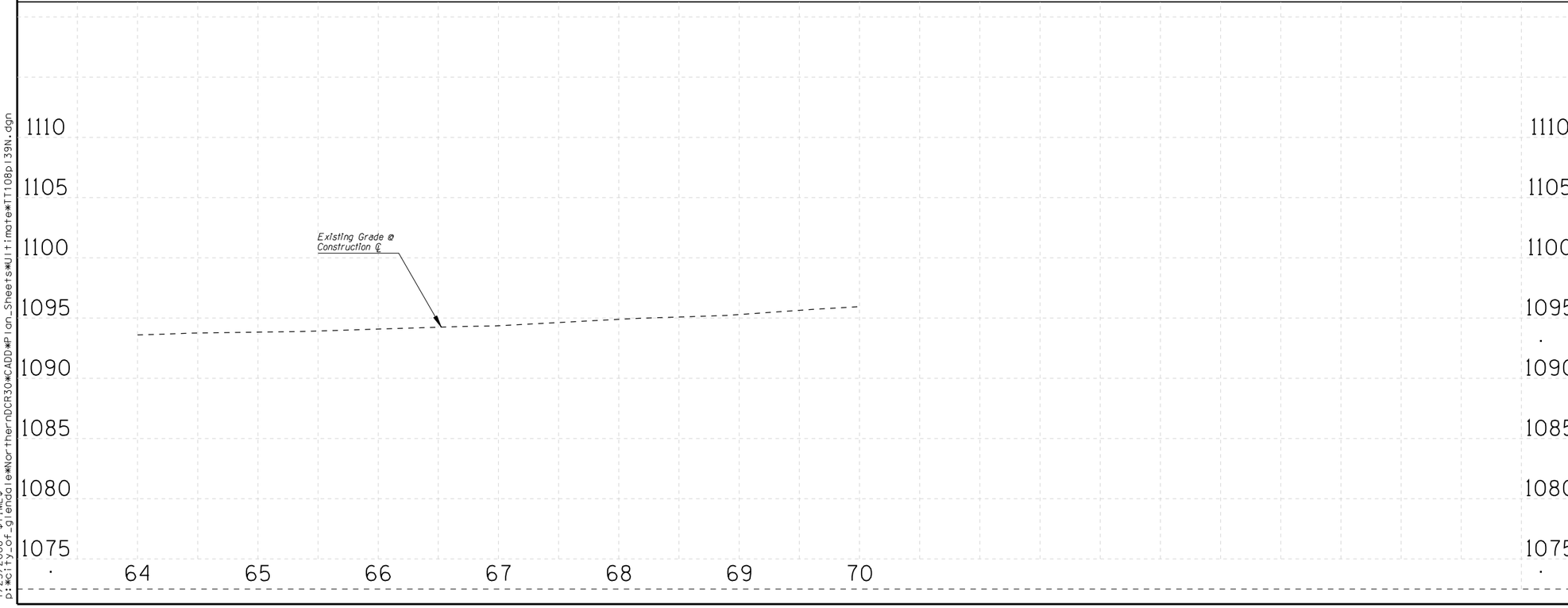
SHEET P143

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p139S.dgn

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





REMOVAL /RELOCATE

1. Remove Pvmt
2.
3. Sawcut

CONSTRUCTION

1.
2.
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6. New S/W Ramp

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

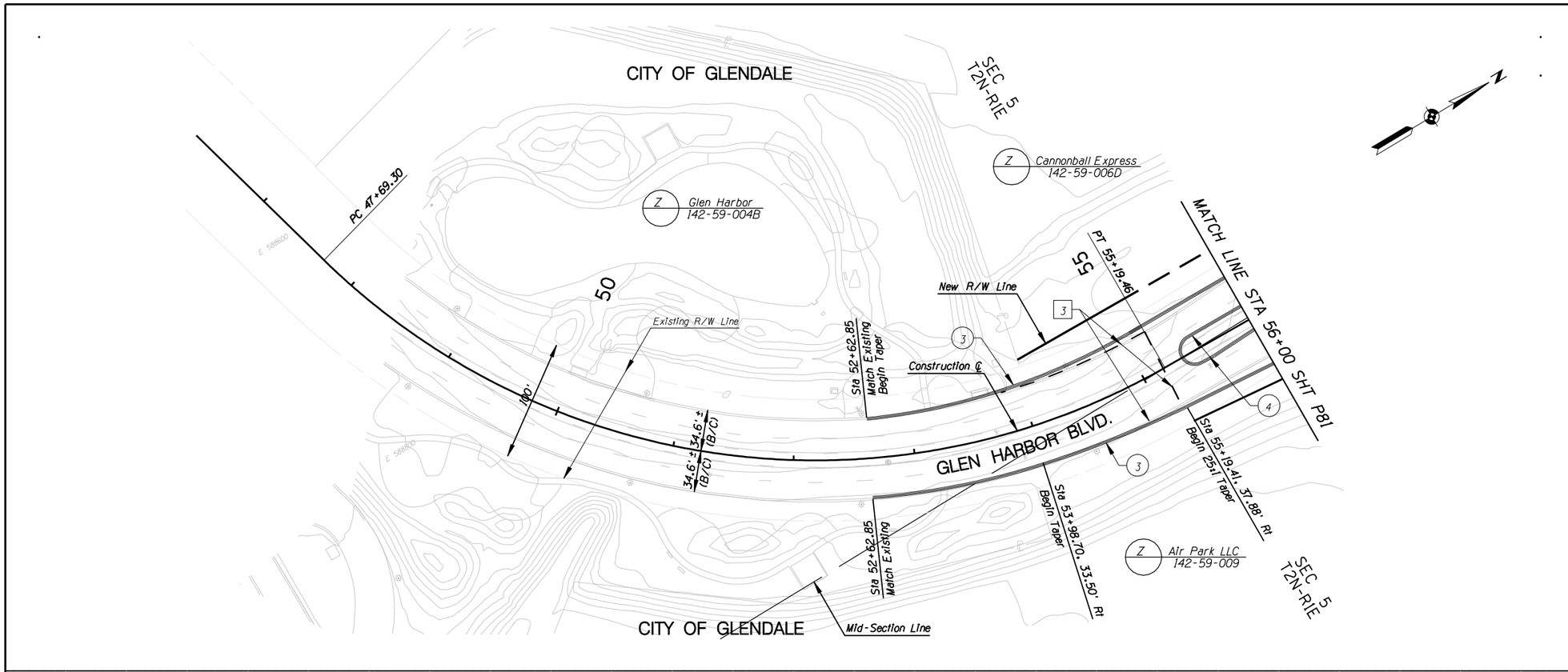
107TH AVE PLAN & PROFILE SHEET
STA 64+00 TO STA 70+00

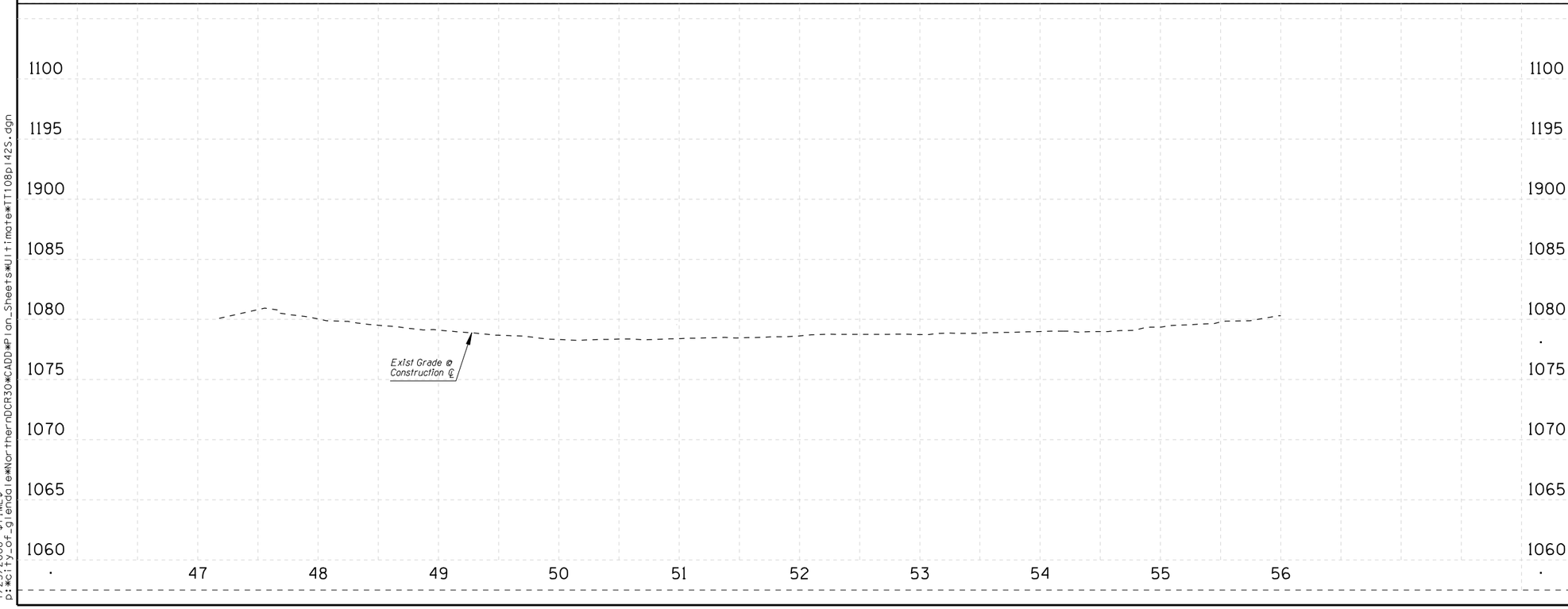
SHEET P144

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p139N.dgn

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





REMOVAL /RELOCATE

1
2
3 Sawcut

CONSTRUCTION

1
2
3 New Curb & Gutter
4 New Median Curb

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

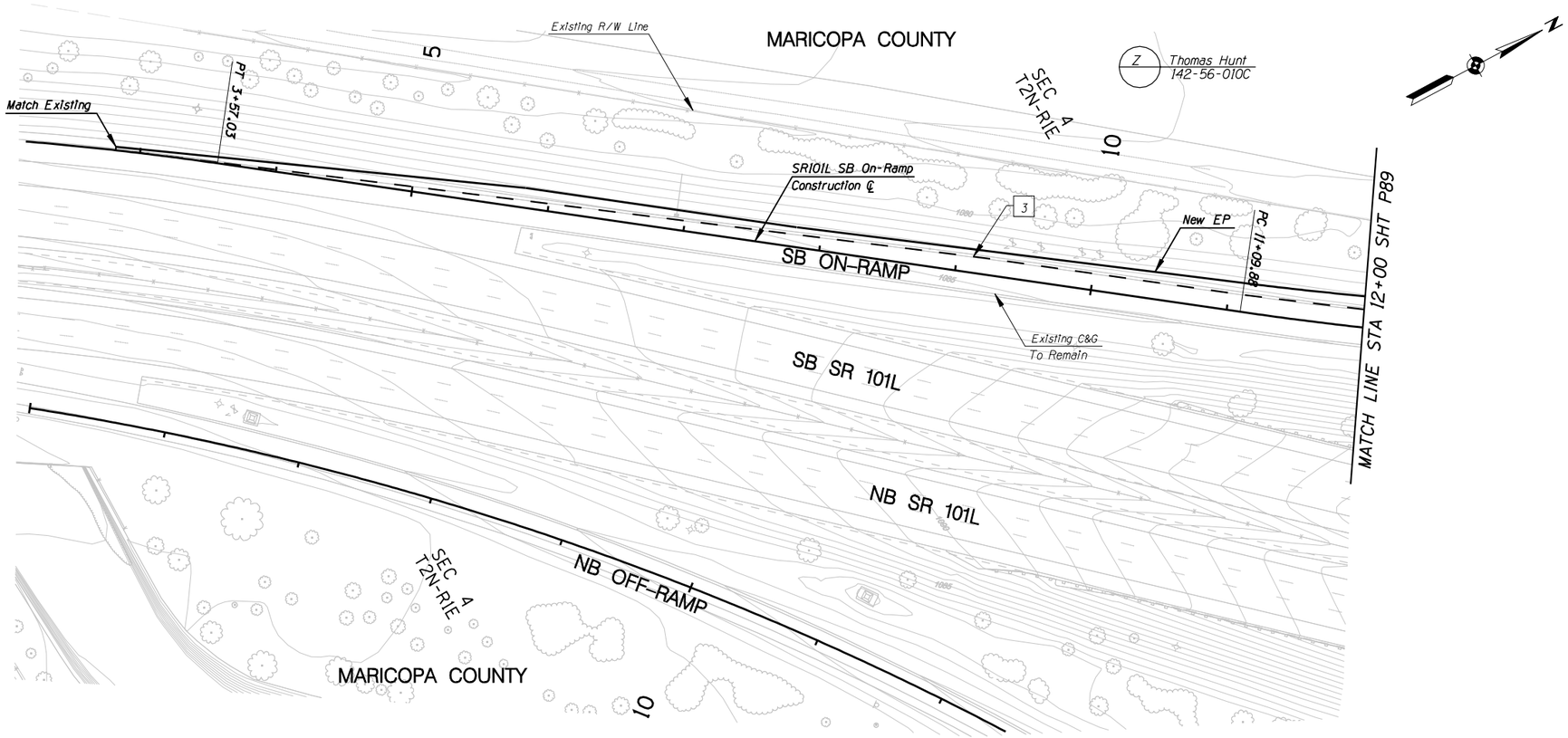
GLEN HARBOR BLVD PLAN & PROFILE SHT
STA 47+00 TO STA 56+00

SHEET P145

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p1425.dgn



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

REMOVAL /RELOCATE

1
2
3 Sawcut

CONSTRUCTION

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

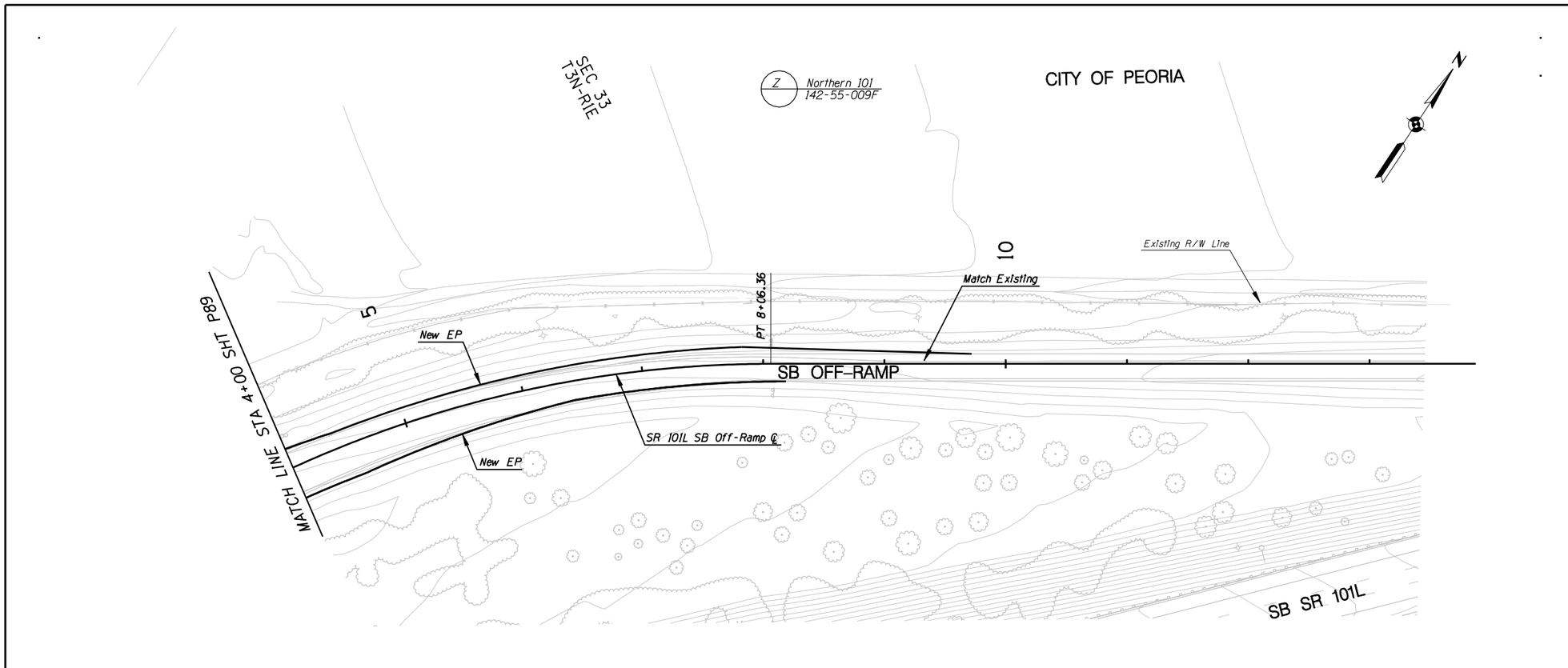
LOOP 101 SB ON-RAMP P&P SHEET
STA 3+00 TO STA 12+00

SHEET
P146

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p1465.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

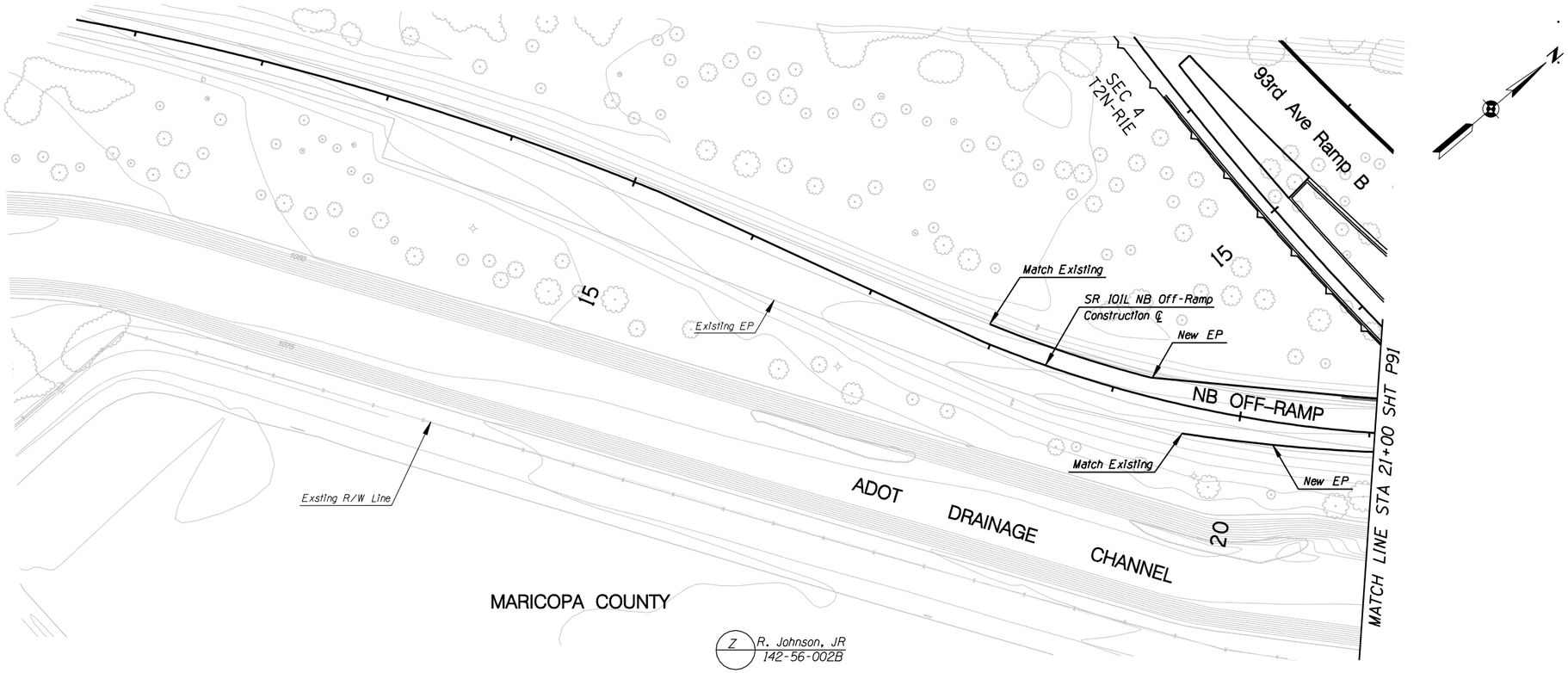
LOOP 101 SB OFF-RAMP P&P SHEET
STA 4+00 TO STA 10+00

SHEET
P147

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p146N.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

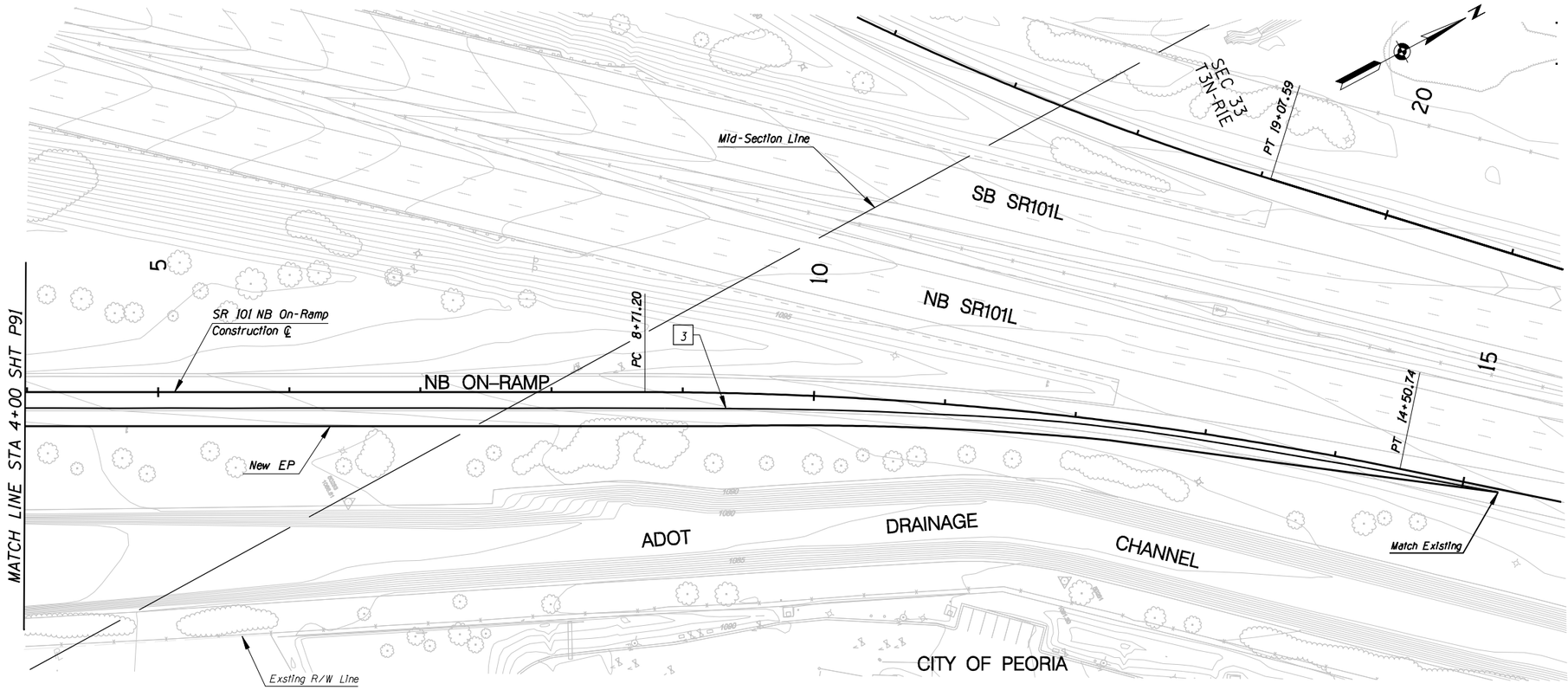
LOOP 101 NB OFF-RAMP P&P SHEET
STA 15+00 TO STA 21+00

SHEET
P148

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p147S.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1
2
3 Sawcut

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

LOOP 101 NB ON-RAMP P&P SHEET
STA 4+00 TO STA 14+00

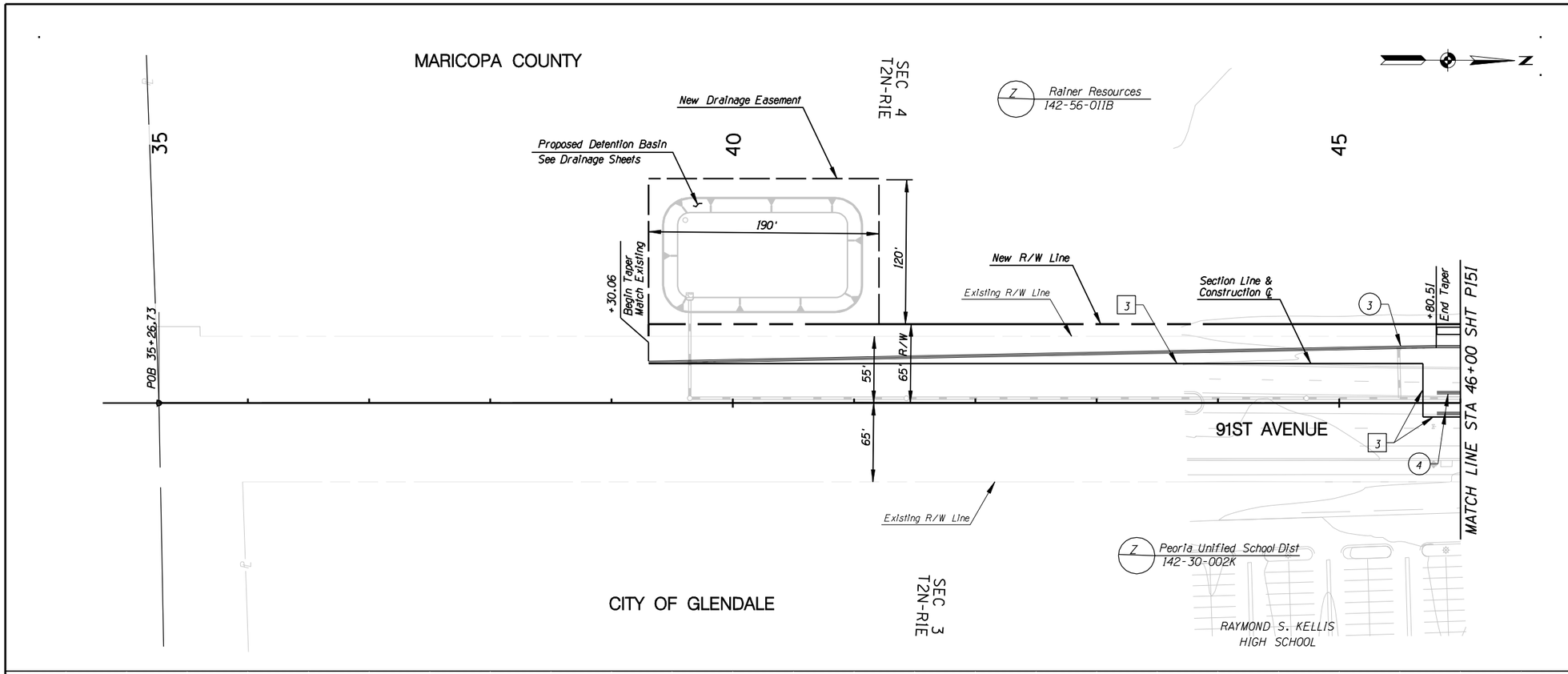
SHEET P149

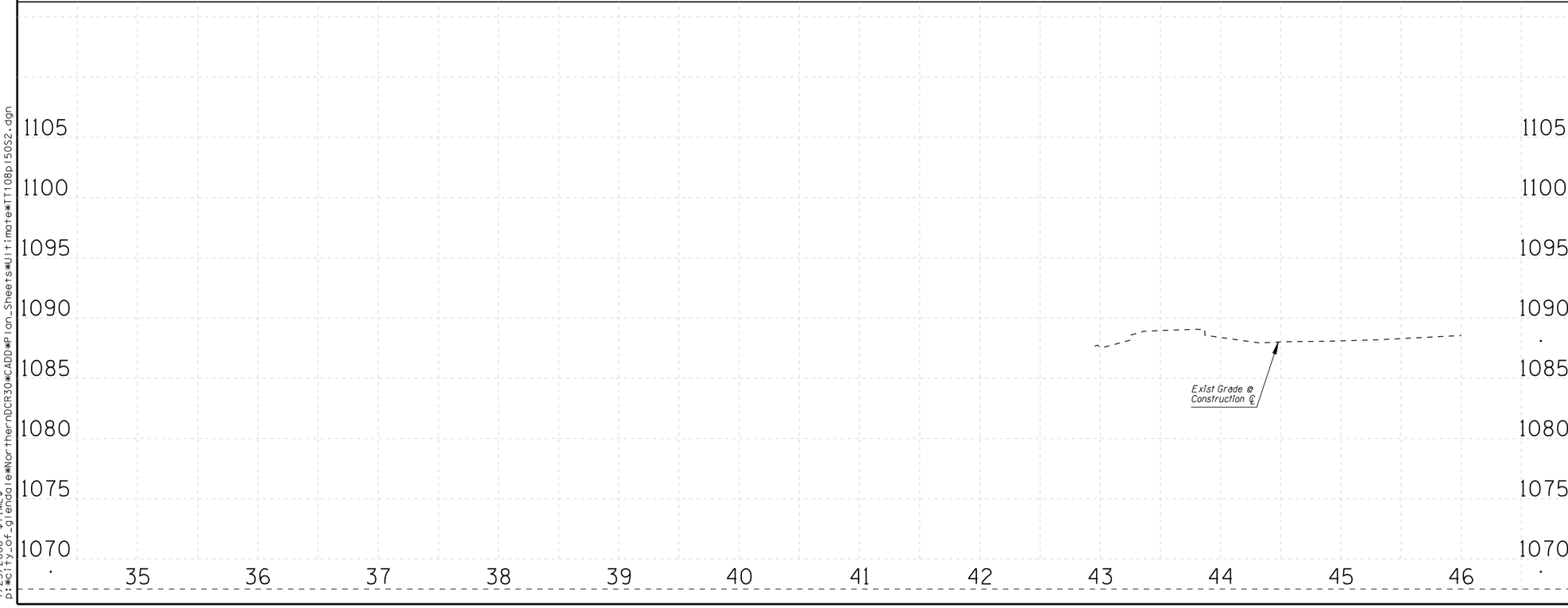
TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p147N.dgn

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





☐ **REMOVAL /RELOCATE** ☐

1

2

3 Sawcut

◯ **CONSTRUCTION** ◯

1

2

3 New Curb & Gutter

4 New Median Curb

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

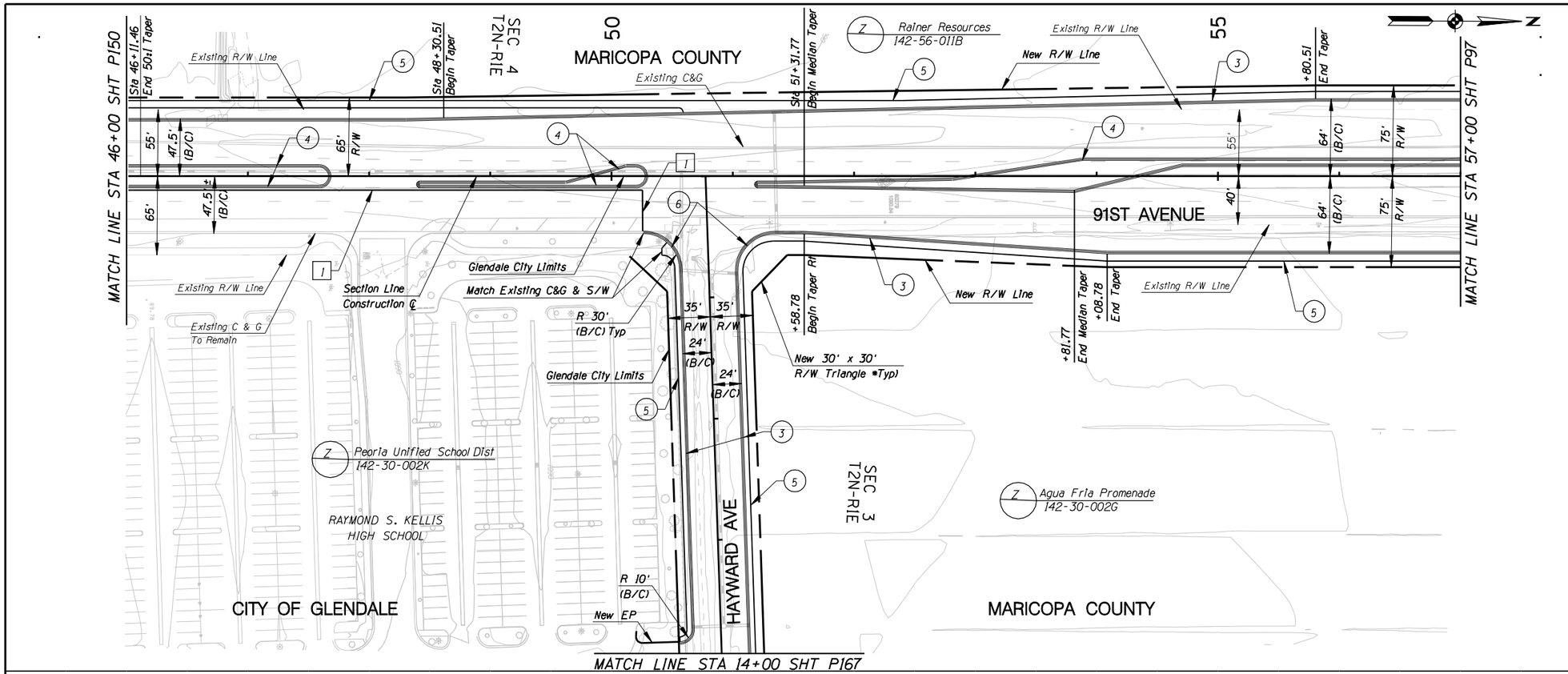
91ST AVE PLAN & PROFILE SHEET
STA 35+00 TO STA 46+00

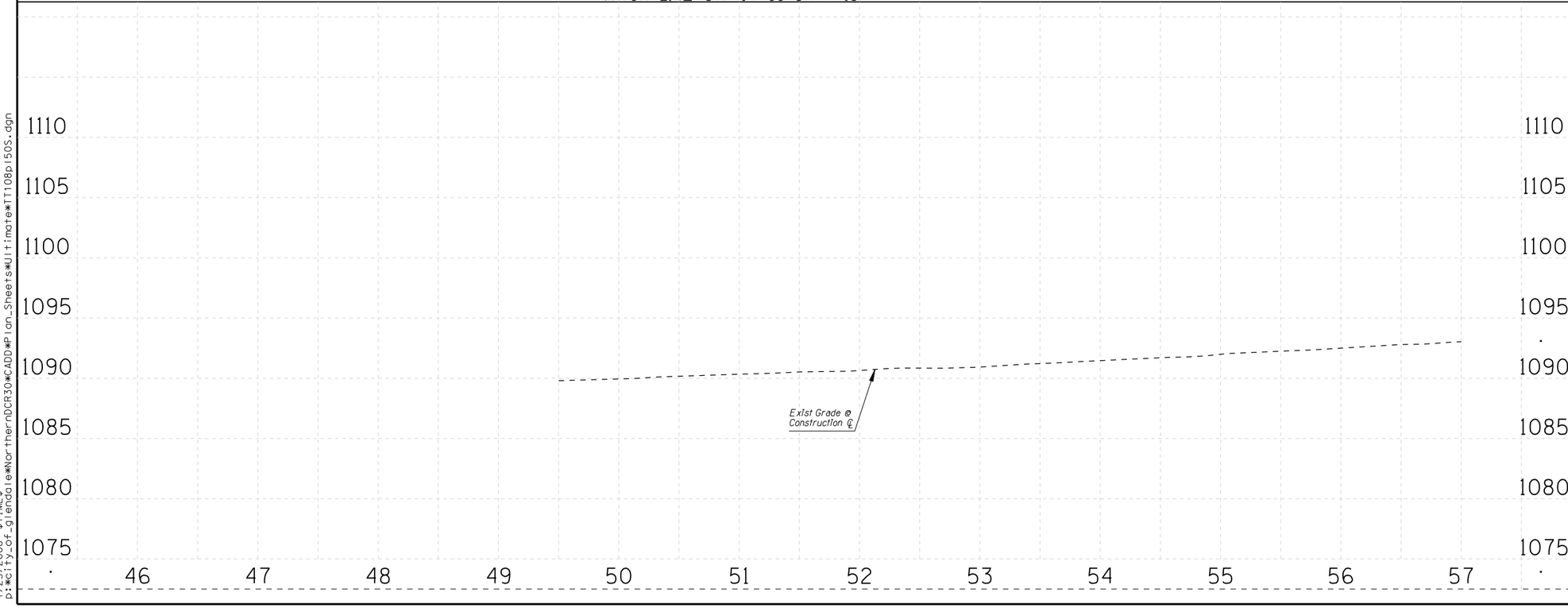
SHEET P150

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p150S2.dgn

English





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

REMOVAL /RELOCATE

1 Sawcut

CONSTRUCTION

1
2
3 New Curb & Gutter
4 New Median Curb
5 New S/W
6 New S/W Ramp

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

91ST AVE PLAN & PROFILE SHEET
STA 46+00 TO STA 57+00

SHEET P151

TRACS NO. 0000 MA MMA SS593 01C

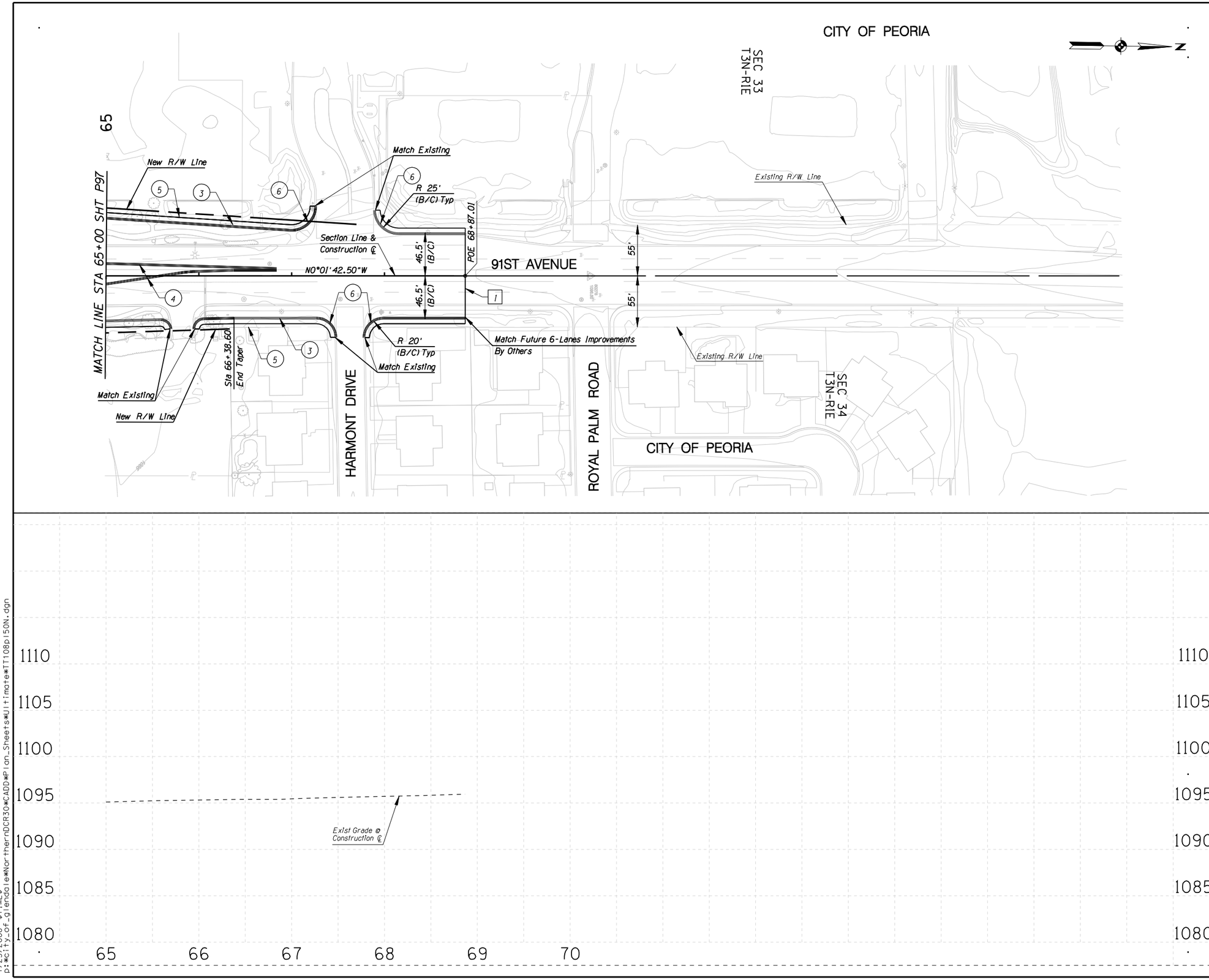
1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p150S.dgn

English

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

REMOVAL /RELOCATE

1 Sawcut



CONSTRUCTION

1
2
3 New Curb & Gutter
4 New Median Curb
5 New S/W
6 New S/W Ramp

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

91ST AVE PLAN & PROFILE SHEET
STA 65+00 TO STA 69+00

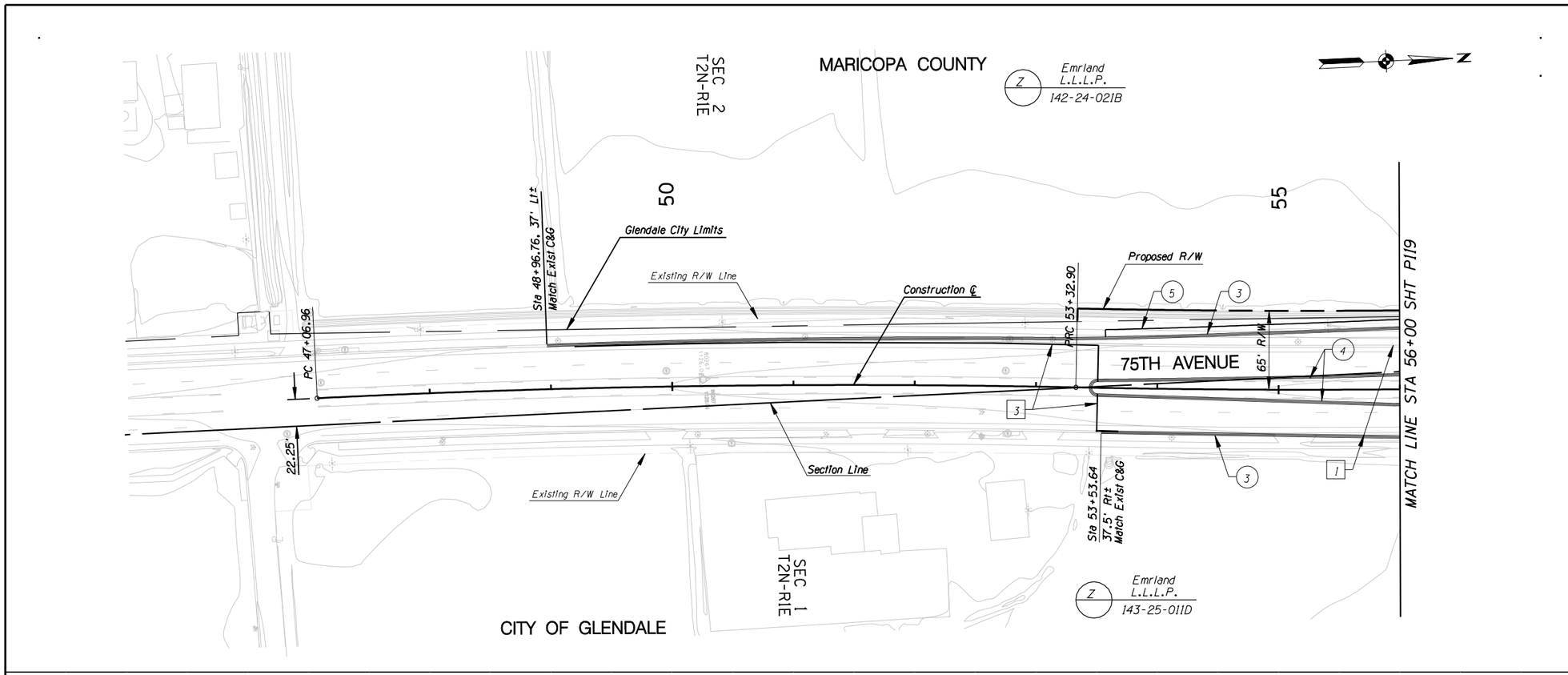
SHEET
P152

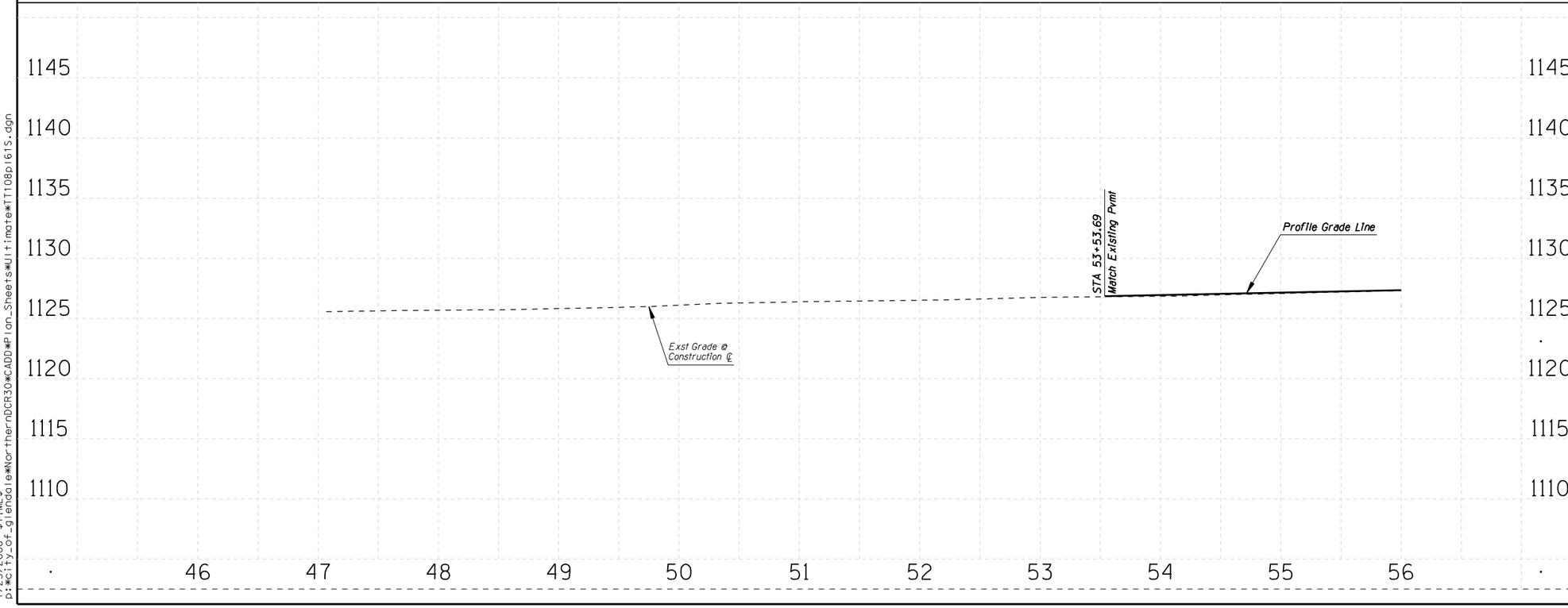
TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p150N.dgn

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





REMOVAL /RELOCATE

1. Remove Pvmt
2.
3. Sawcut

CONSTRUCTION

1.
2.
3. New Curb & Gutter
4. New Median Curb

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

75TH AVE PLAN & PROFILE SHEET
STA 47+00 TO STA 56+00

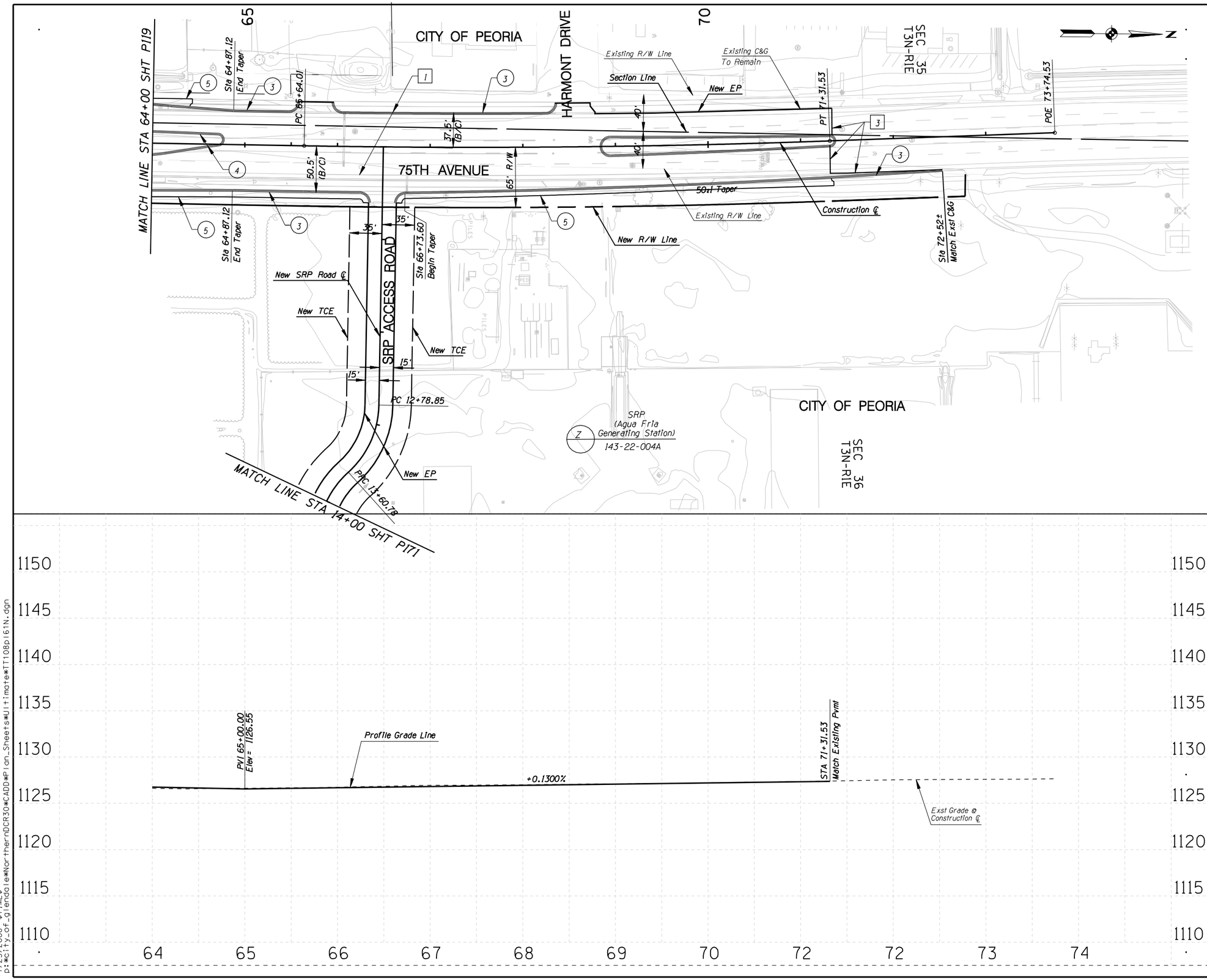
SHEET P153

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p161S.dgn

English

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



REMOVAL /RELOCATE

1. Remove Pvmt
2.
3. Sawcut

CONSTRUCTION

1.
2.
3. New Curb & Gutter
4. New Median Curb
5. New S/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION P147

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

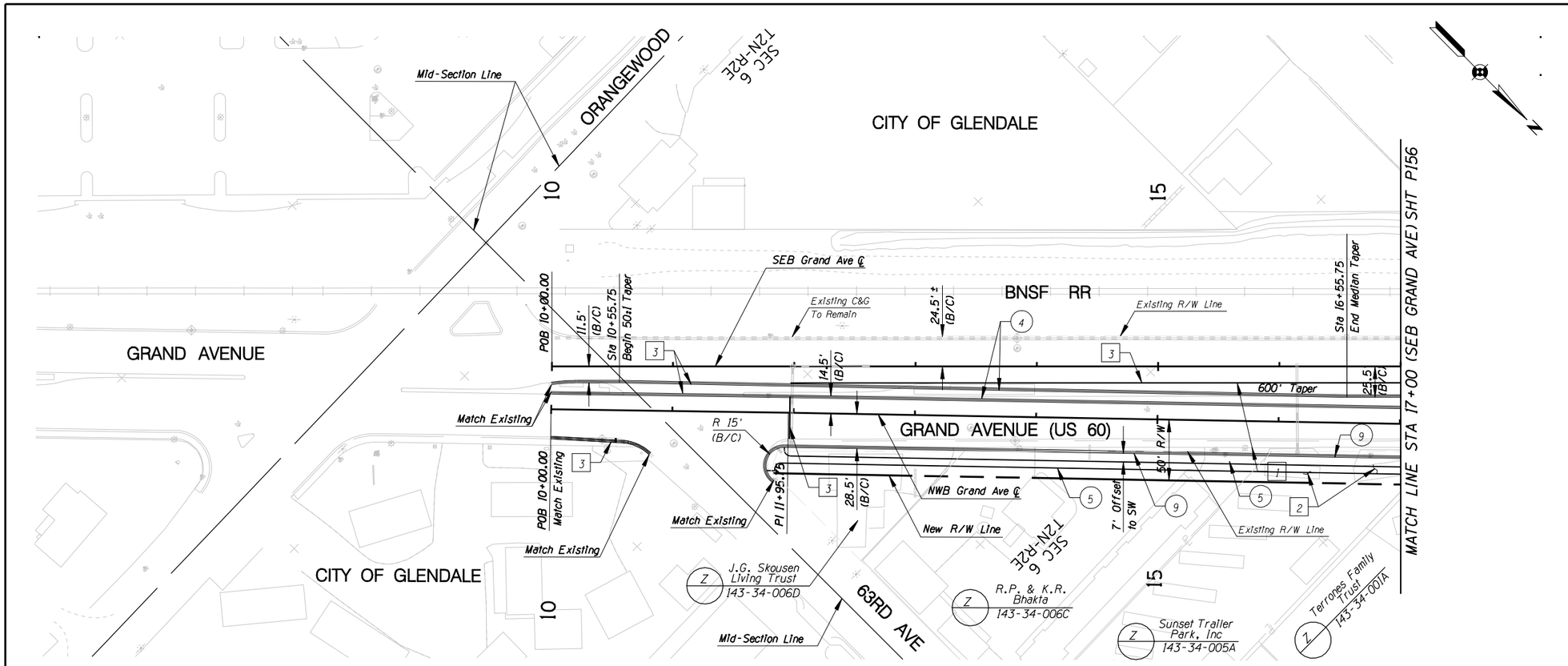
75TH AVE PLAN & PROFILE SHEET
STA 64+00 TO STA 73+00

SHEET P154

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p161N.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1. Remove Pvmt
2. Remove House
3. Sawcut

○ **CONSTRUCTION** ○

1.
2.
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6.
7.
8.
9. New D/W at Existing D/W Location

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

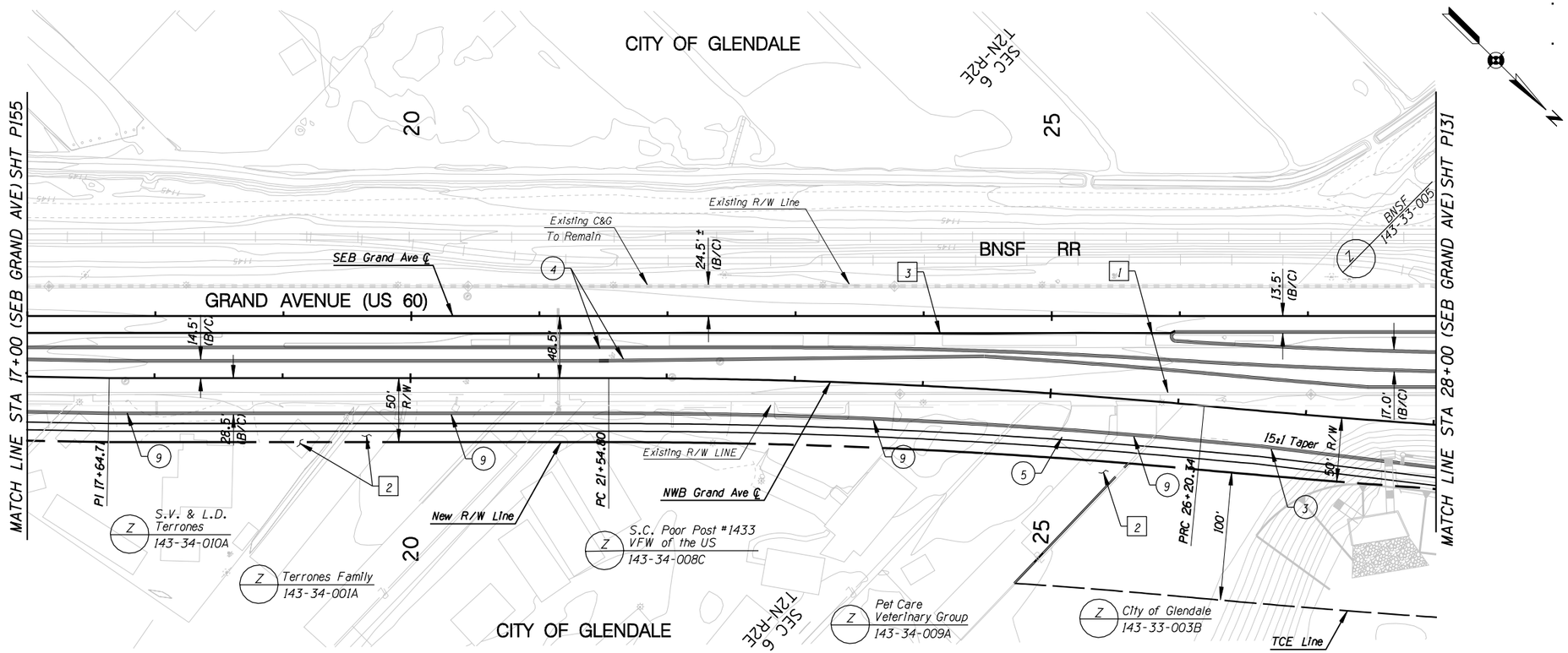
GRAND AVE PLAN & PROFILE SHEET
STA 10 +00 TO STA 17+00

SHEET P155

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p169.dgn



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

REMOVAL /RELOCATE

1. Remove Pvmt
2. Relocate Business
3. Sawcut

CONSTRUCTION

1.
2.
3. New Curb & Gutter
4. New Median Curb
5. New S/W
6.
7.
8.
9. New D/W at Existing D/W Location

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

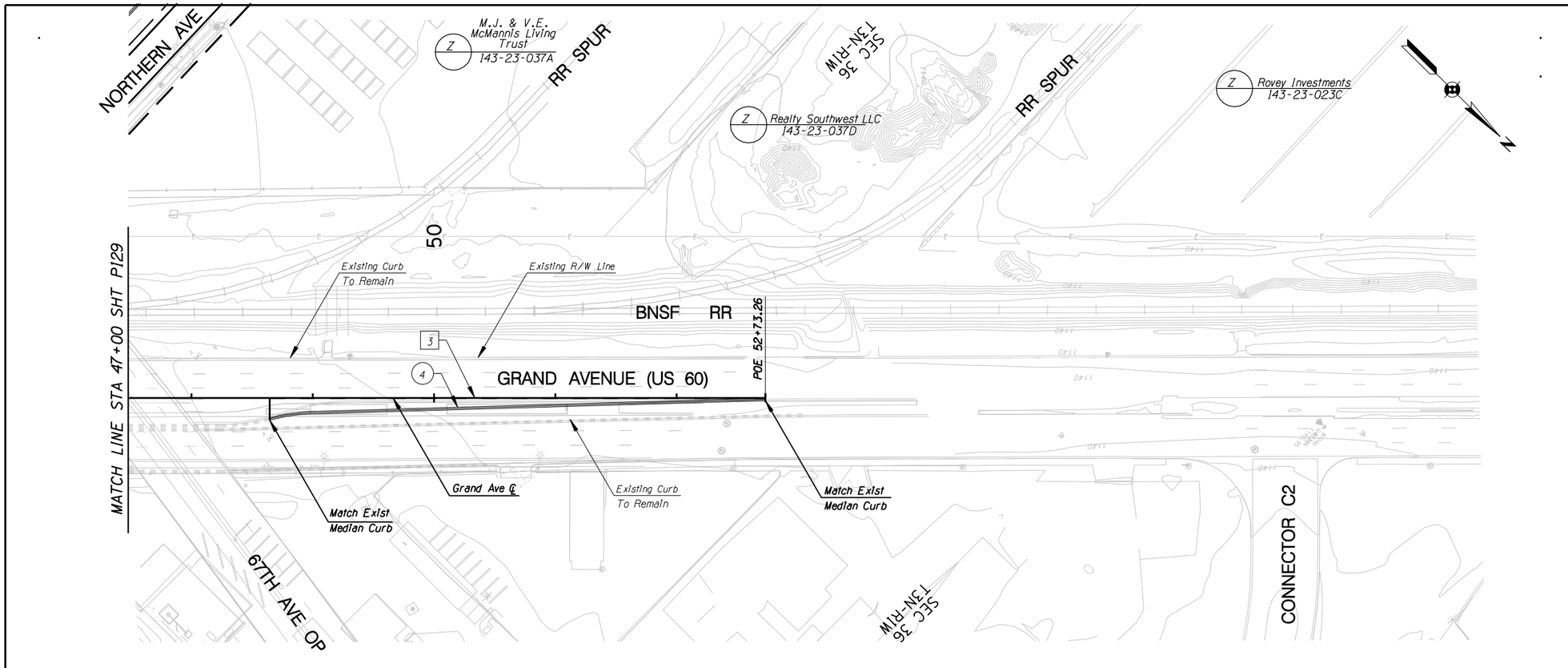
GRAND AVE PLAN & PROFILE SHEET
STA 17+00 TO STA 28+00

SHEET P156

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p168.dgn



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

REMOVAL /RELOCATE

1
2
3 Sawcut

CONSTRUCTION

1
2
3
4 New Median Curb

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

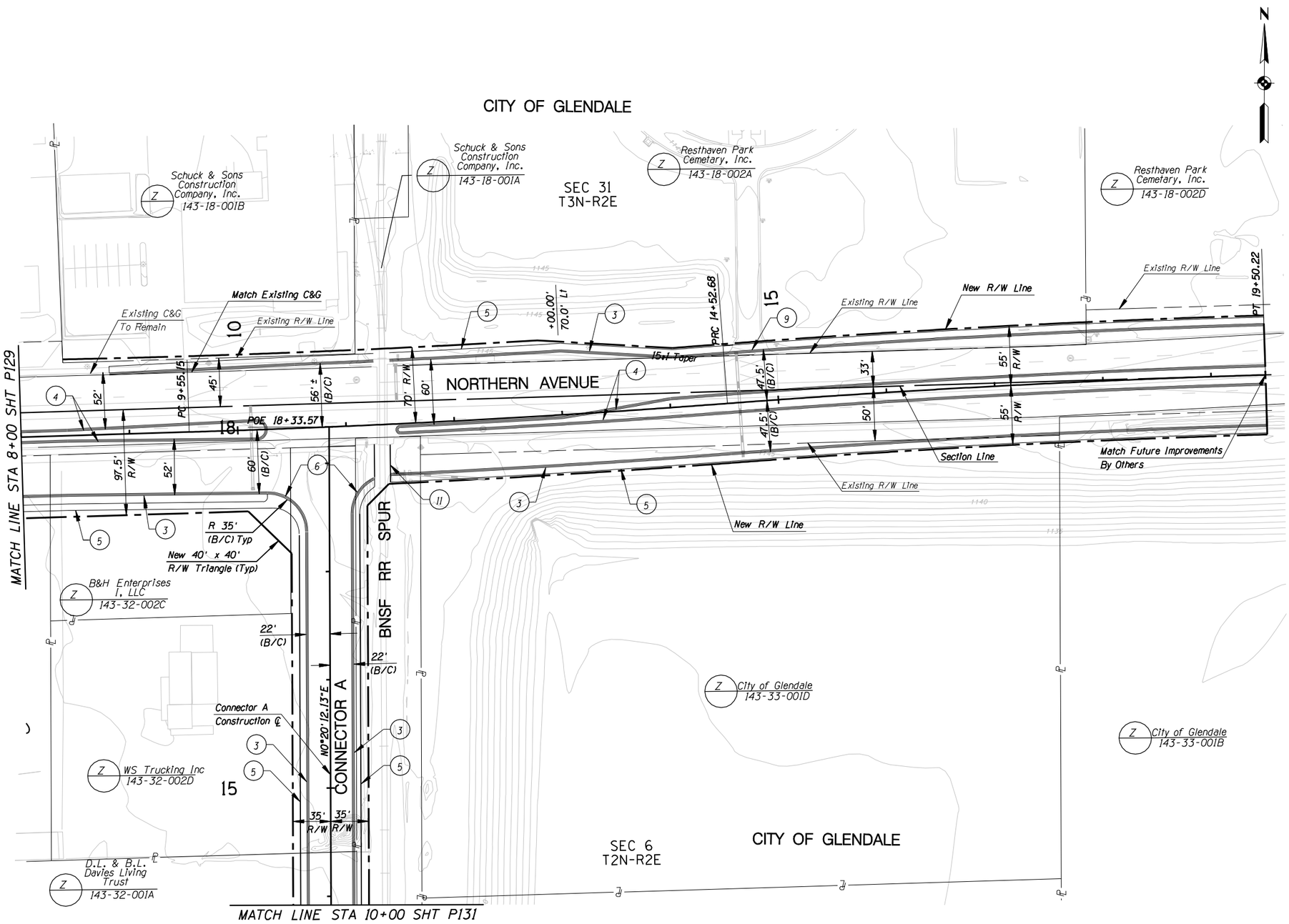
GRAND AVENUE PLAN & PROFILE SHEET
STA 47+00 TO STA 52+75

SHEET P157

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p171.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1
2
3 New Curb & Gutter
4 New Median Curb
5 New S/W
6 New S/W Ramp
7
8
9 New D/W at Existing D/W Location
10
11 New RR Crossing

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

NORTHERN AVE PAVING PLAN SHEET
STA 8+00 TO STA 14+00

SHEET P158

TRACS NO. 0000 MA MMA SS593 01C

English

6/8/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*2345409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*T1108p170.dgn

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

THIS SHEET LEFT BLANK INTENTIONALLY

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. OT195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED		11/07
DRAWN		11/07
CHECKED		11/07

URS

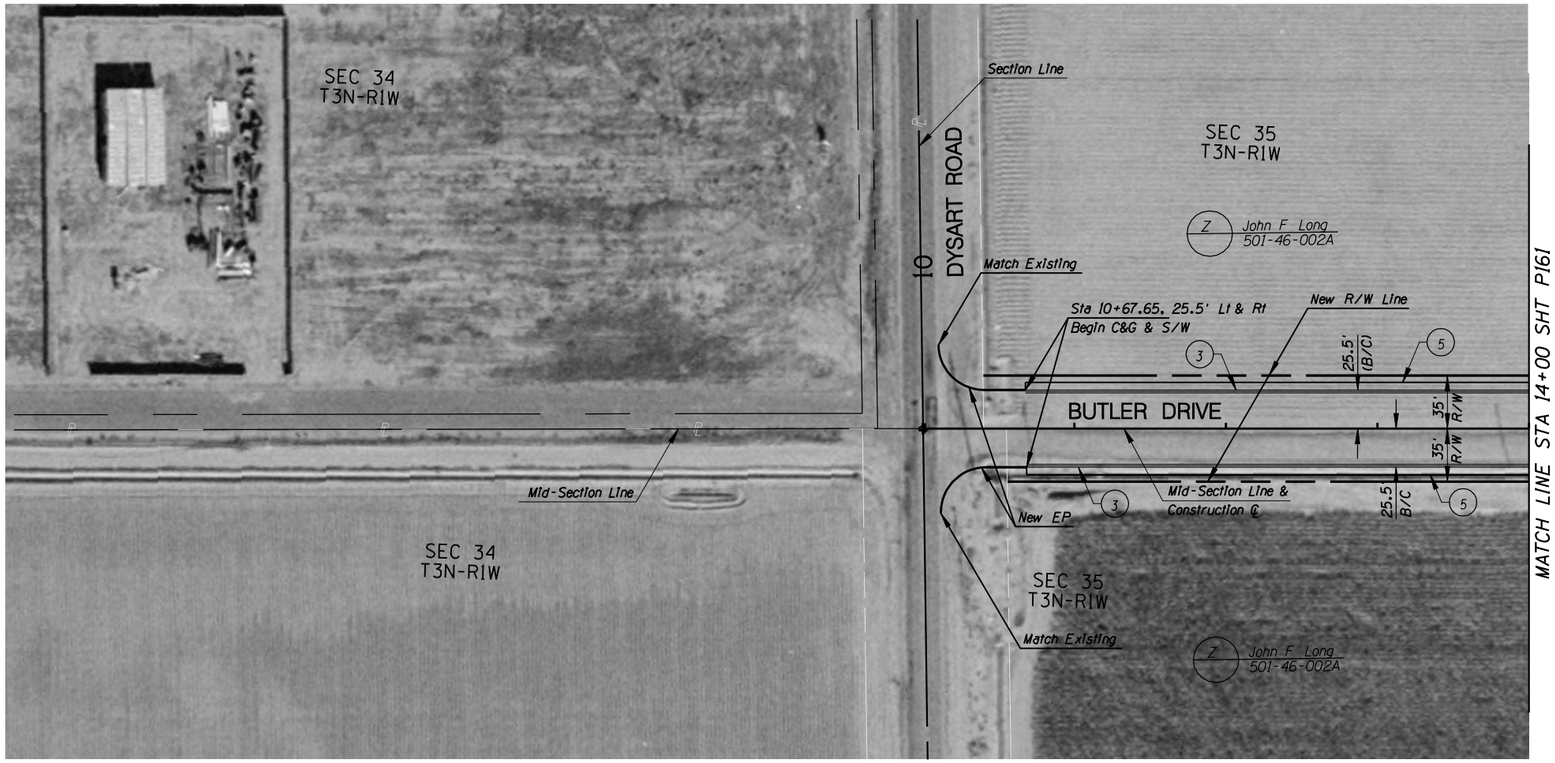
BLANK SPACER SHEET

SHEET
P159

TRACS NO.

English

1/25/2008 10:09:49 AM
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108blank159.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1
2
3 New Curb & Gutter
4
5 New S/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

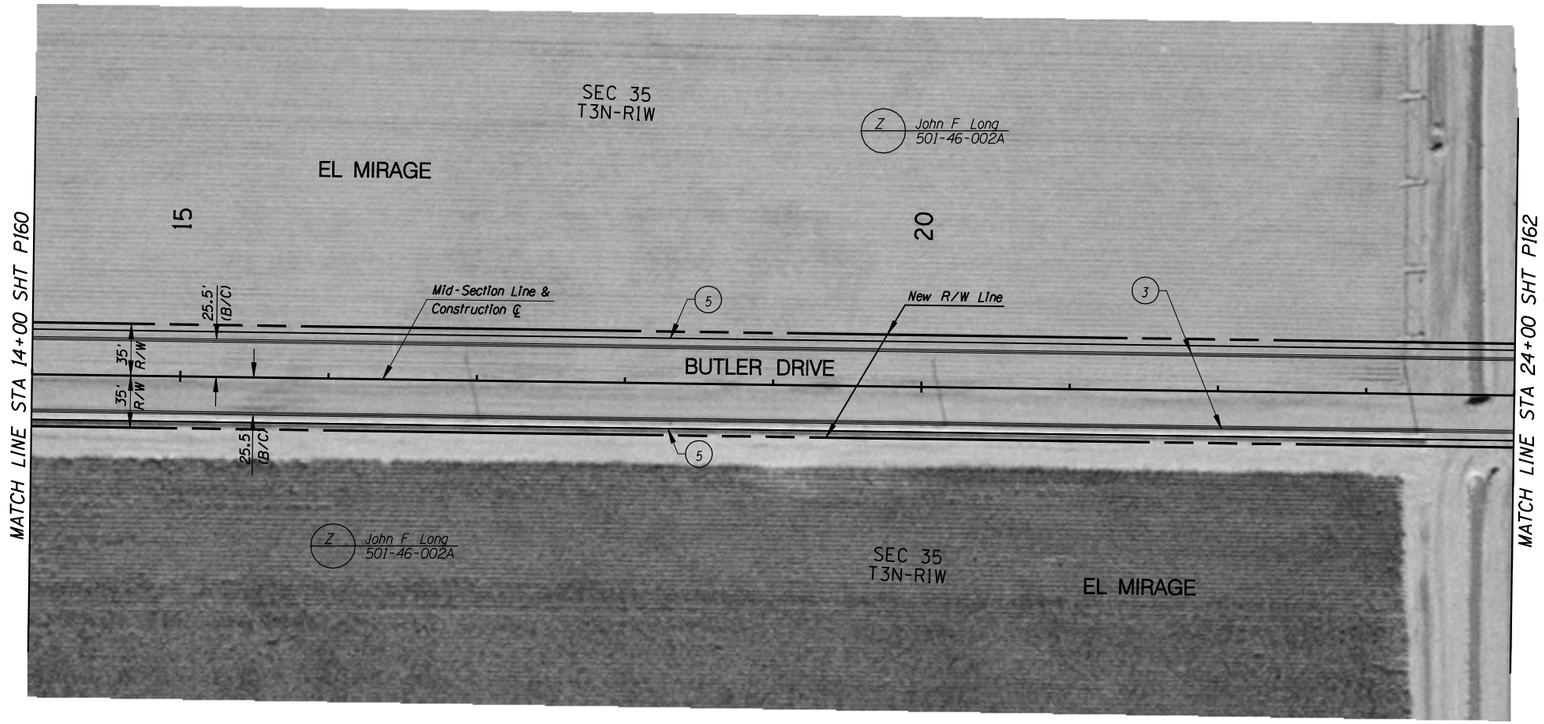
BUTLER DRIVE PLAN & PROFILE SHEET
STA 10+00 TO STA 14+00

SHEET P160

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p186.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1
2
3 New Curb & Gutter
4
5 New S/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

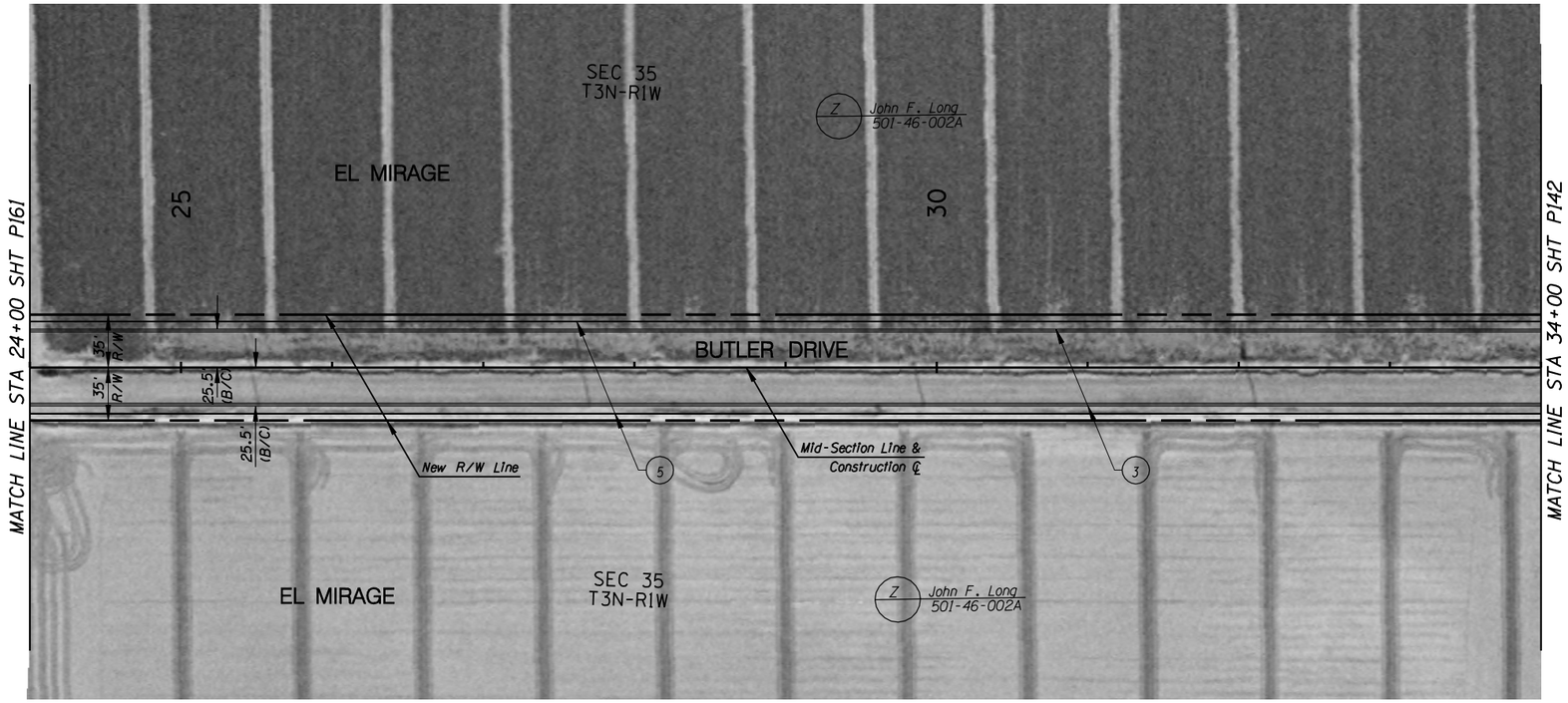
BUTLER DRIVE PLAN & PROFILE SHEET
STA 14+00 TO STA 24+00

SHEET P161

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p185.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1
2
3 New Curb & Gutter
4
5 New S/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

BUTLER DRIVE PLAN & PROFILE SHEET
STA 24+00 TO STA 34+00

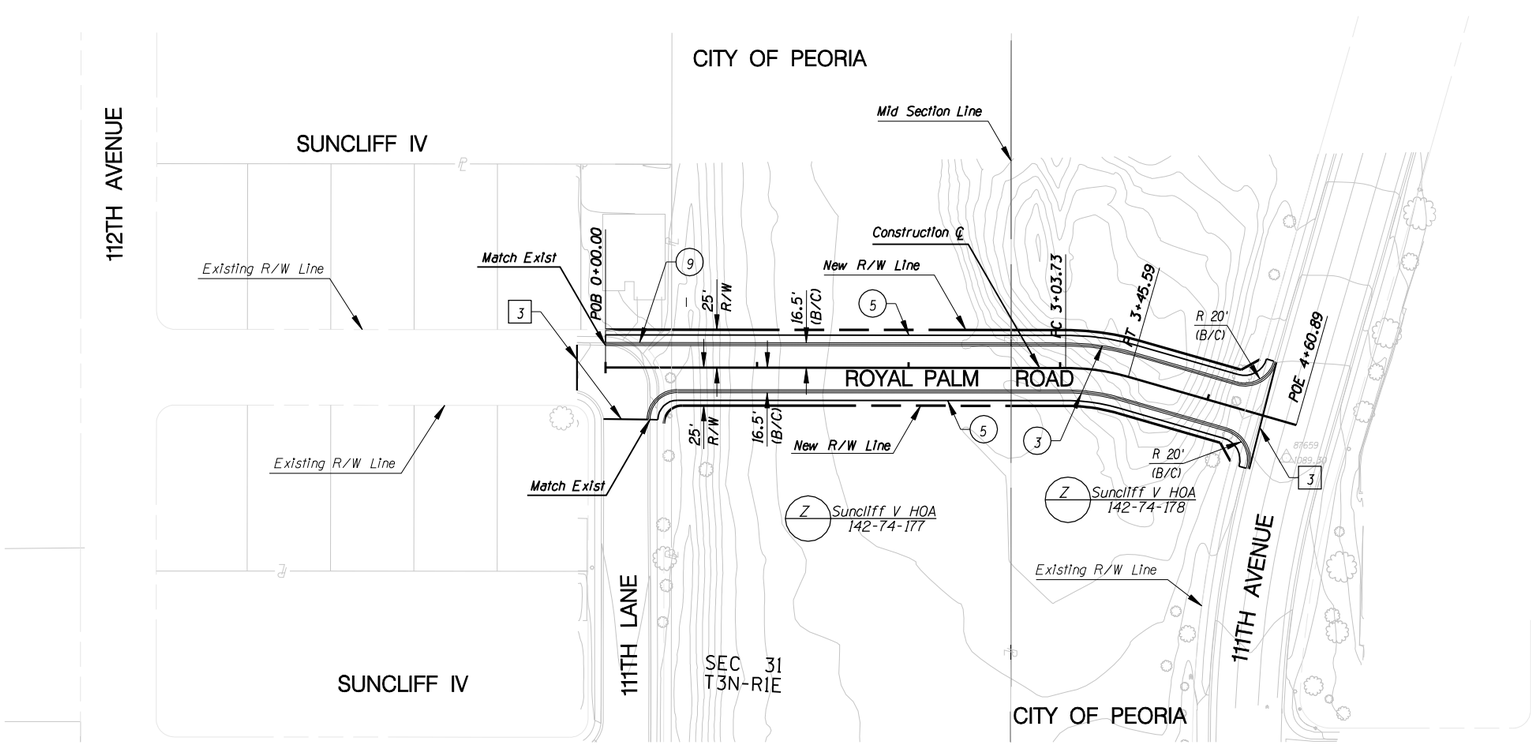
SHEET P162

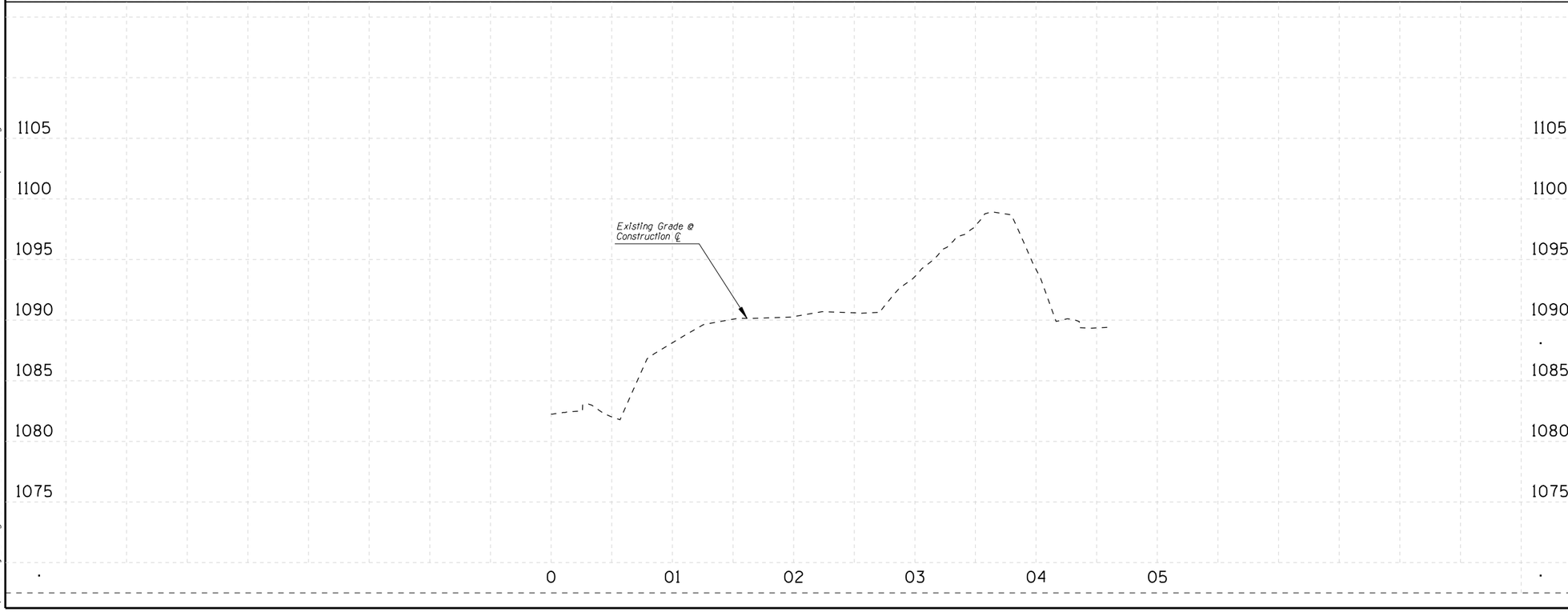
TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p184.dgn

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





REMOVAL /RELOCATE

1
2
3 Sawcut

CONSTRUCTION

1
2
3 New Curb & Gutter
4
5 New S/W
6
7
8
9 New D/W at Existing D/W Location

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

ROYAL PALM RD PLAN & PROFILE SHEET
STA 0+00 TO STA 4+60

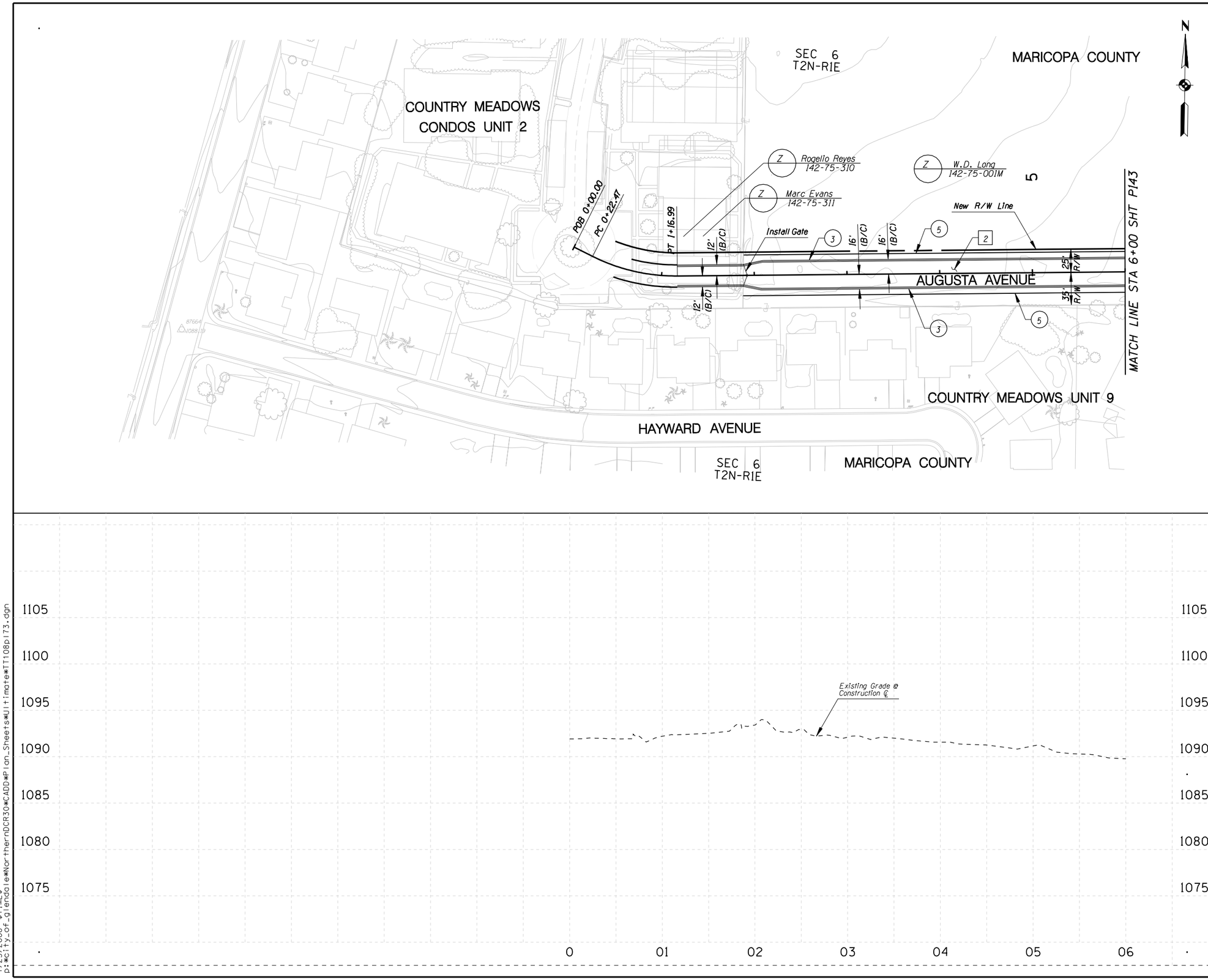
SHEET P163

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p174.dgn

English

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



☐ **REMOVAL /RELOCATE** ☐

1

2 Remove 2 Condo Units

◯ **CONSTRUCTION** ◯

1

2

3 New Curb & Gutter

4

5 New S/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

AUGUSTA AVE PLAN & PROFILE SHEET
STA 0+00 TO STA 6+00

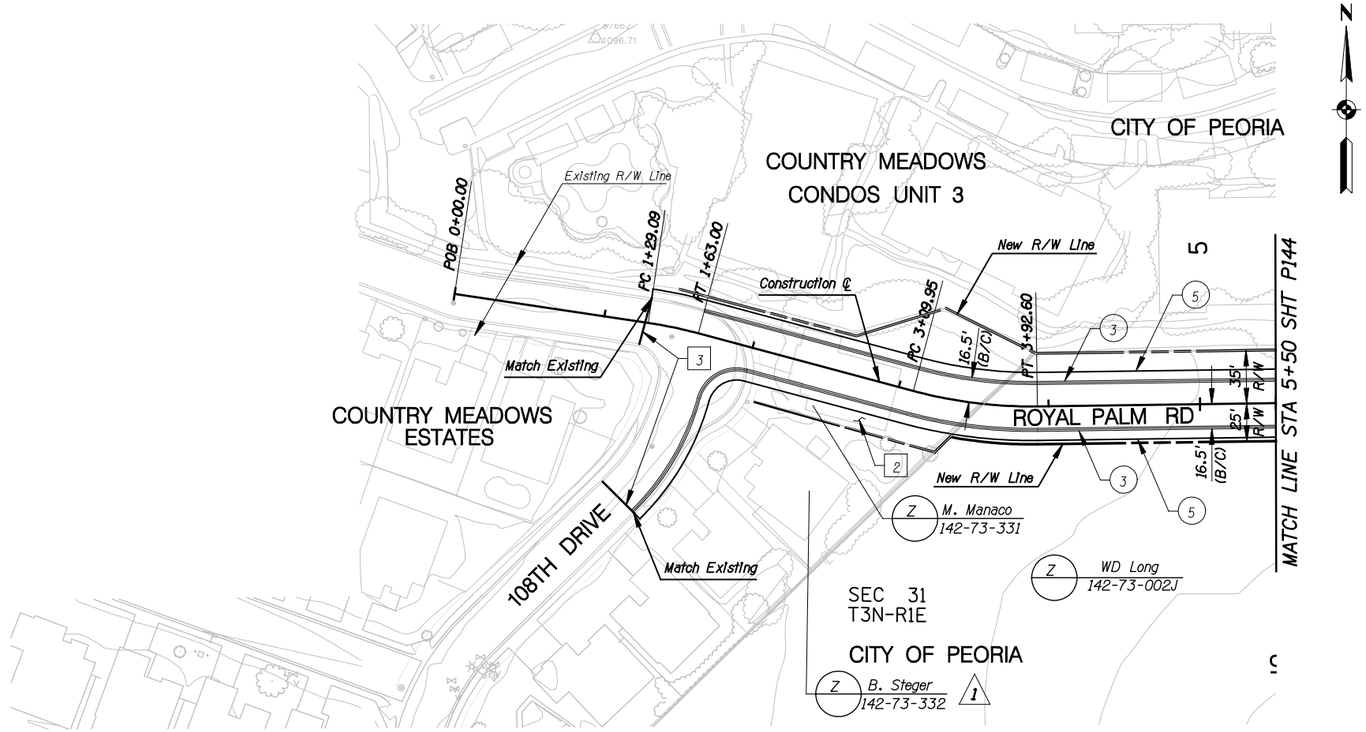
SHEET P164

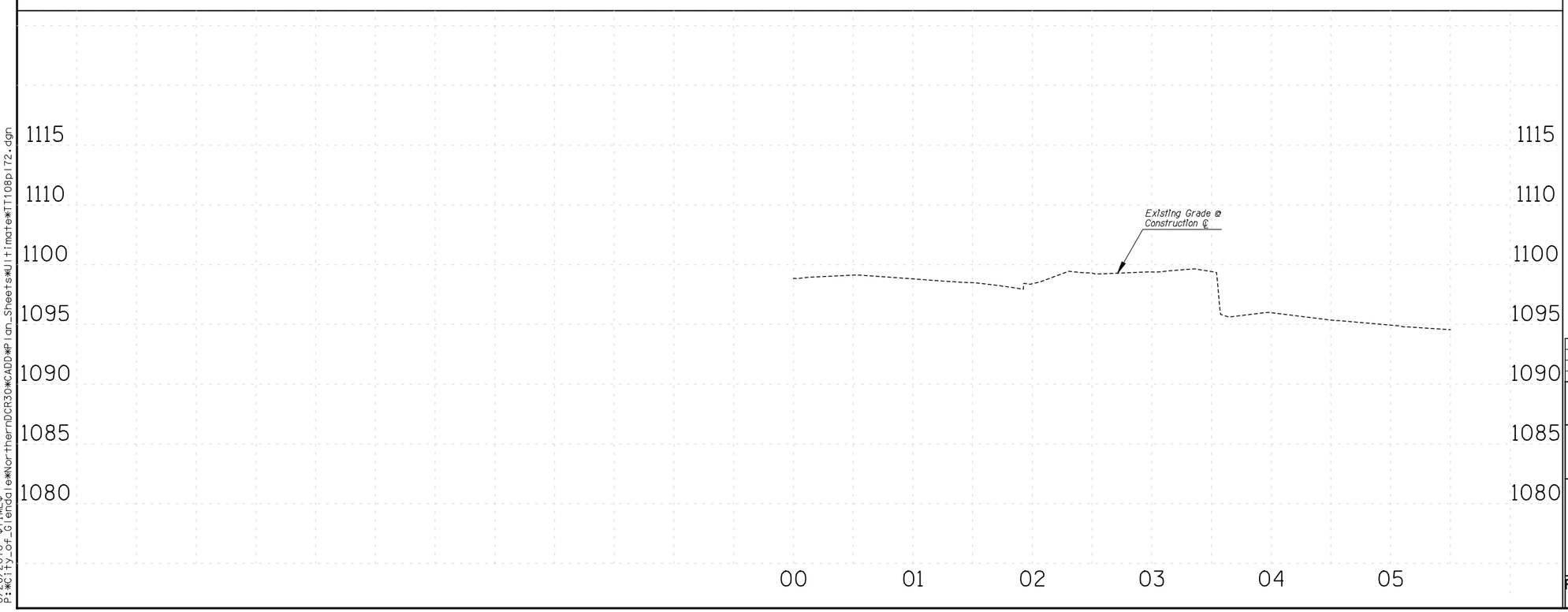
TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p173.dgn

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





REMOVAL /RELOCATE

1

2 Remove House

3 Sawcut

CONSTRUCTION

1

2

3 New Curb & Gutter

4

5 New S/W

NO.	REVISION	BY	DATE
3			
2			
1	Add Property Info	RWM	4/26/10

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

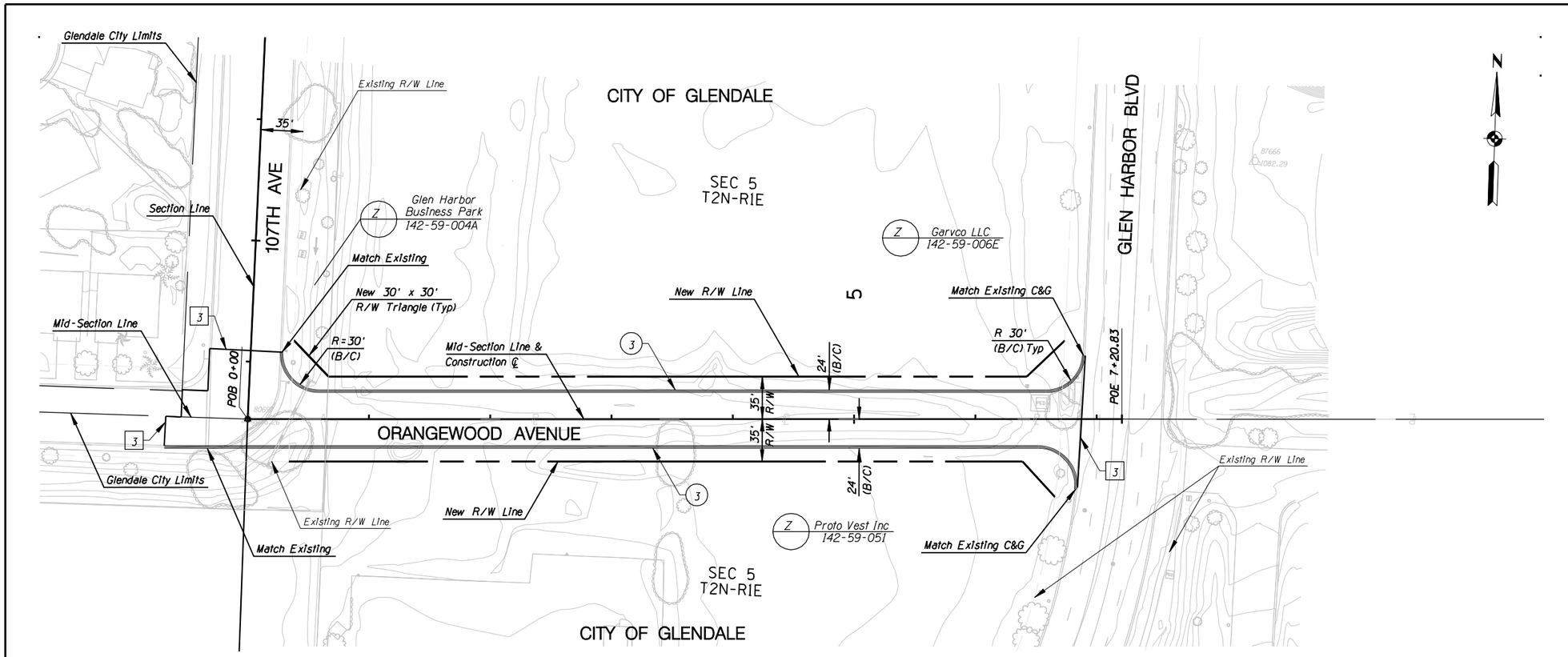
ROYAL PALM RD PLAN & PROFILE SHEET
STA 0+00 TO STA 5+50

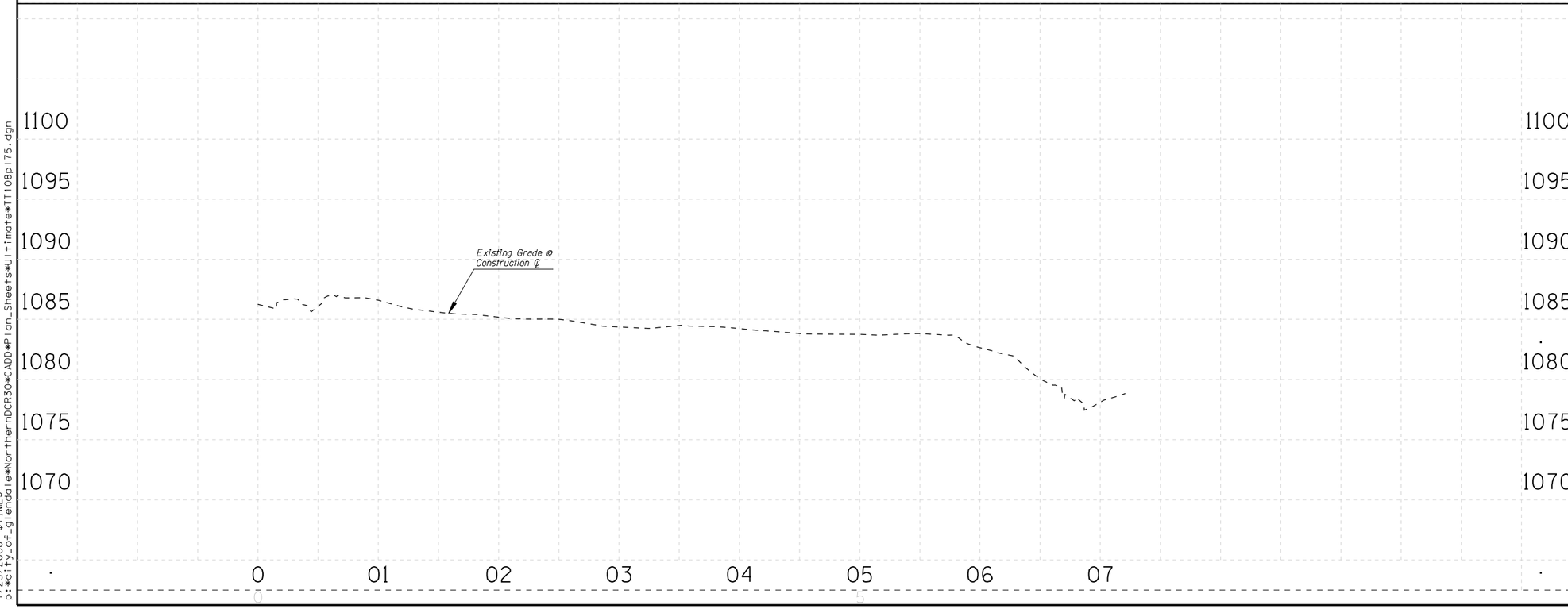
SHEET P165

TRACS NO. 0000 MA MMA SS593 01C

8/26/2010 $TIME$
P:\City_of_Glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p172.dgn

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





☐ **REMOVAL /RELOCATE** ☐

1
2
3 Sawcut

◯ **CONSTRUCTION** ◯

1
2
3 New Curb & Gutter

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

ORANGEWOOD AVE PLAN & PROFILE SHEET
STA 0+00 TO 7+00

SHEET P166

TRACS NO. 0000 MA MMA SS593 01C

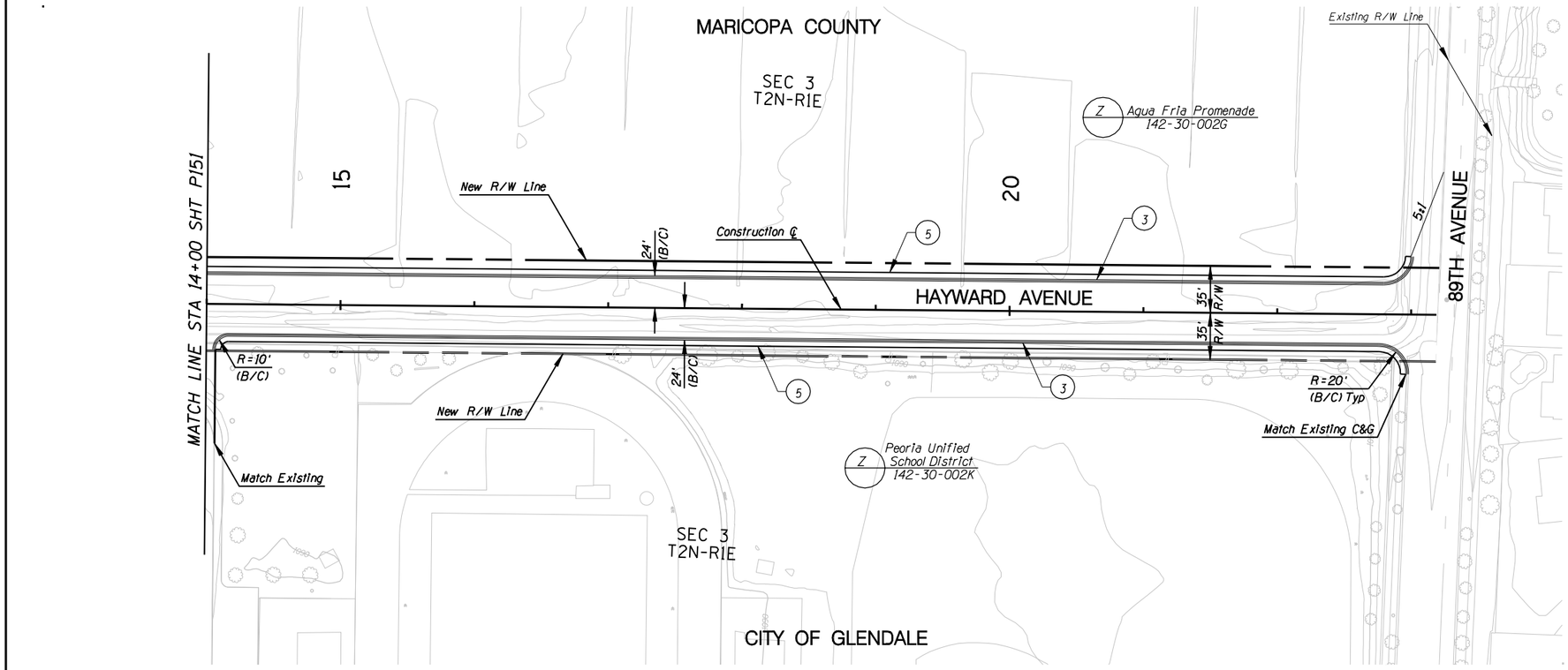
English

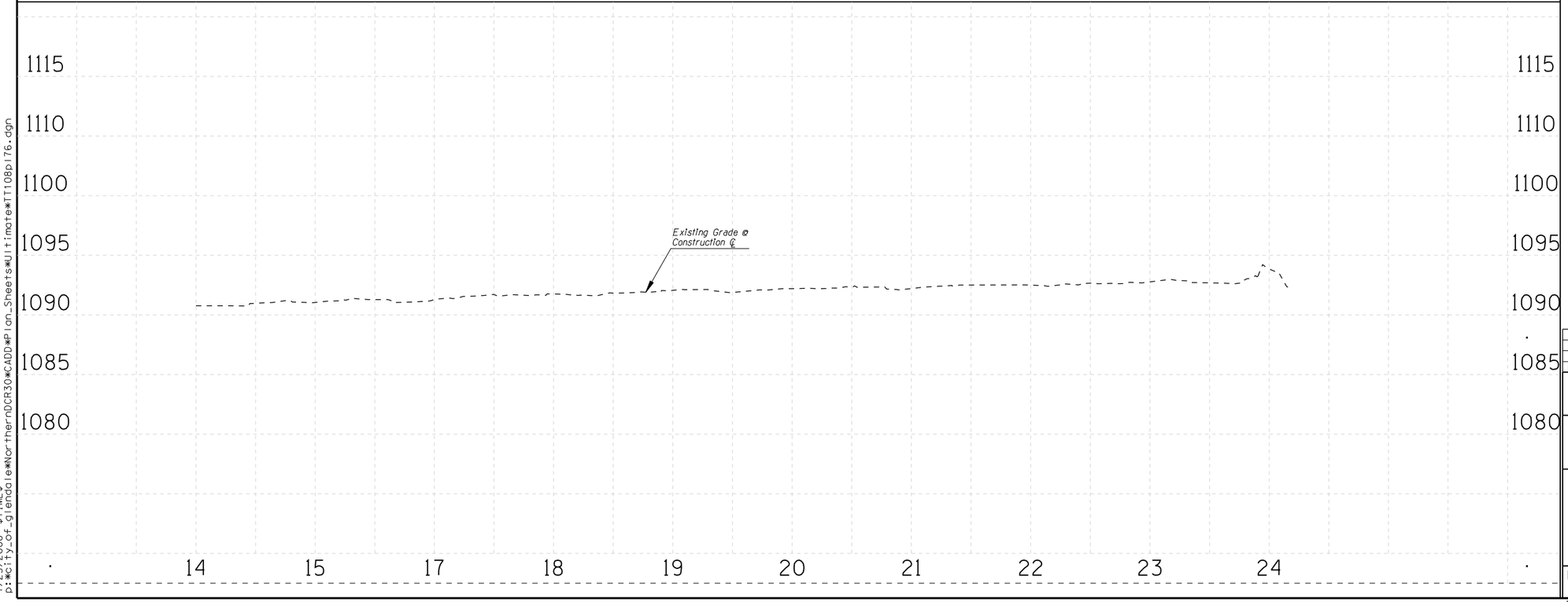
1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p175.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1





○ **CONSTRUCTION** ○

1
2
3 New C&G
4
5 New S/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

HAYWARD AVE PLAN & PROFILE SHEET
STA 14+00 TO 23+00

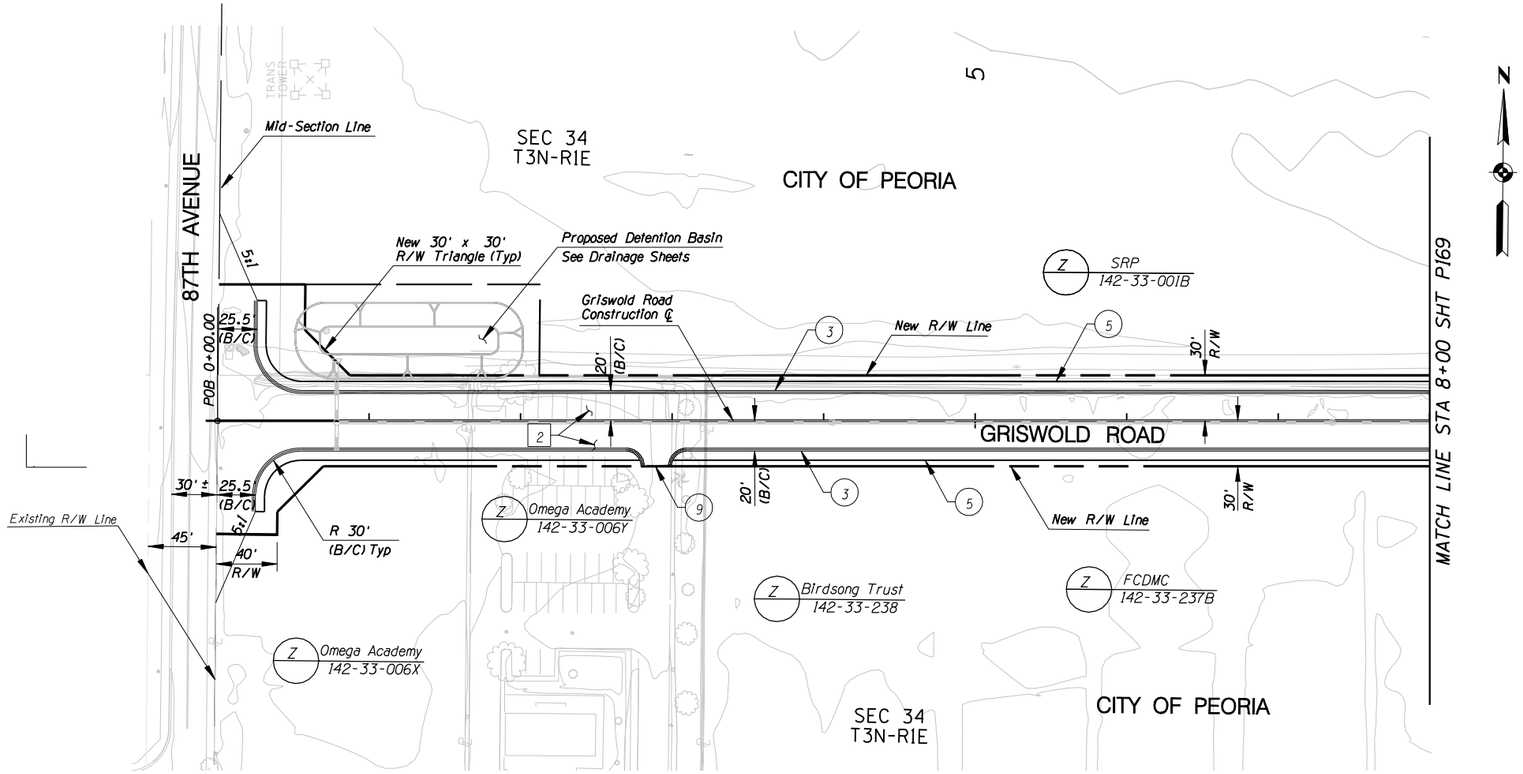
SHEET P167

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:\city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p176.dgn

English

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



REMOVAL /RELOCATE

1

2 Remove Paved Parking

CONSTRUCTION

1

2

3 New Curb & Gutter

4

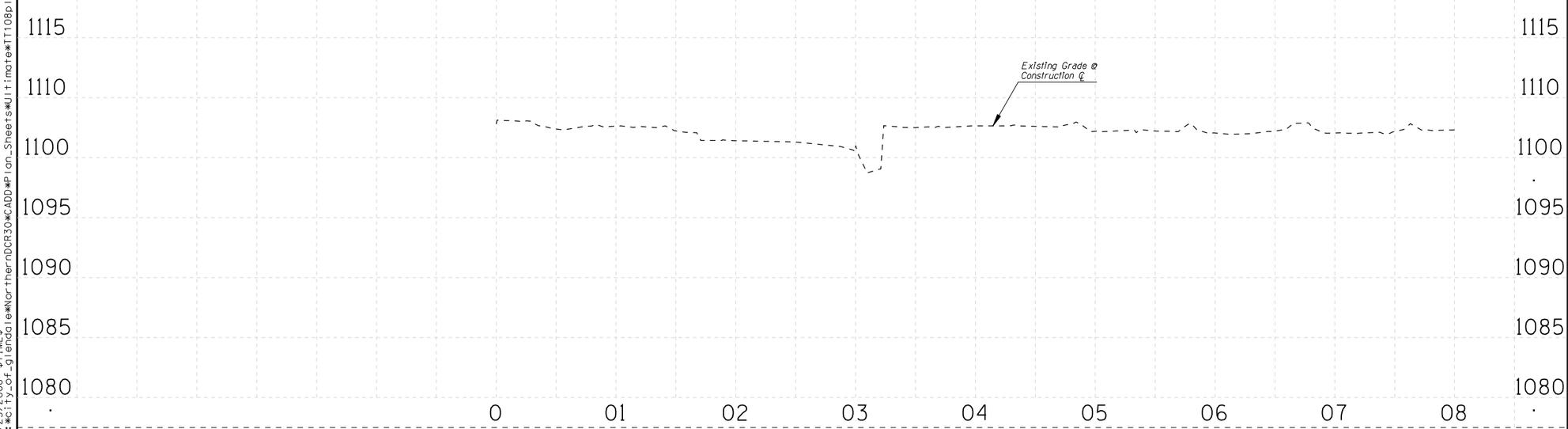
5 New S/W

6

7

8

9 New D/W



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GRISWOLD ROAD PLAN & PROFILE SHEET
STA 0+00 TO STA 8+00

SHEET P168

TRACS NO. 0000 MA MMA SS593 OIC

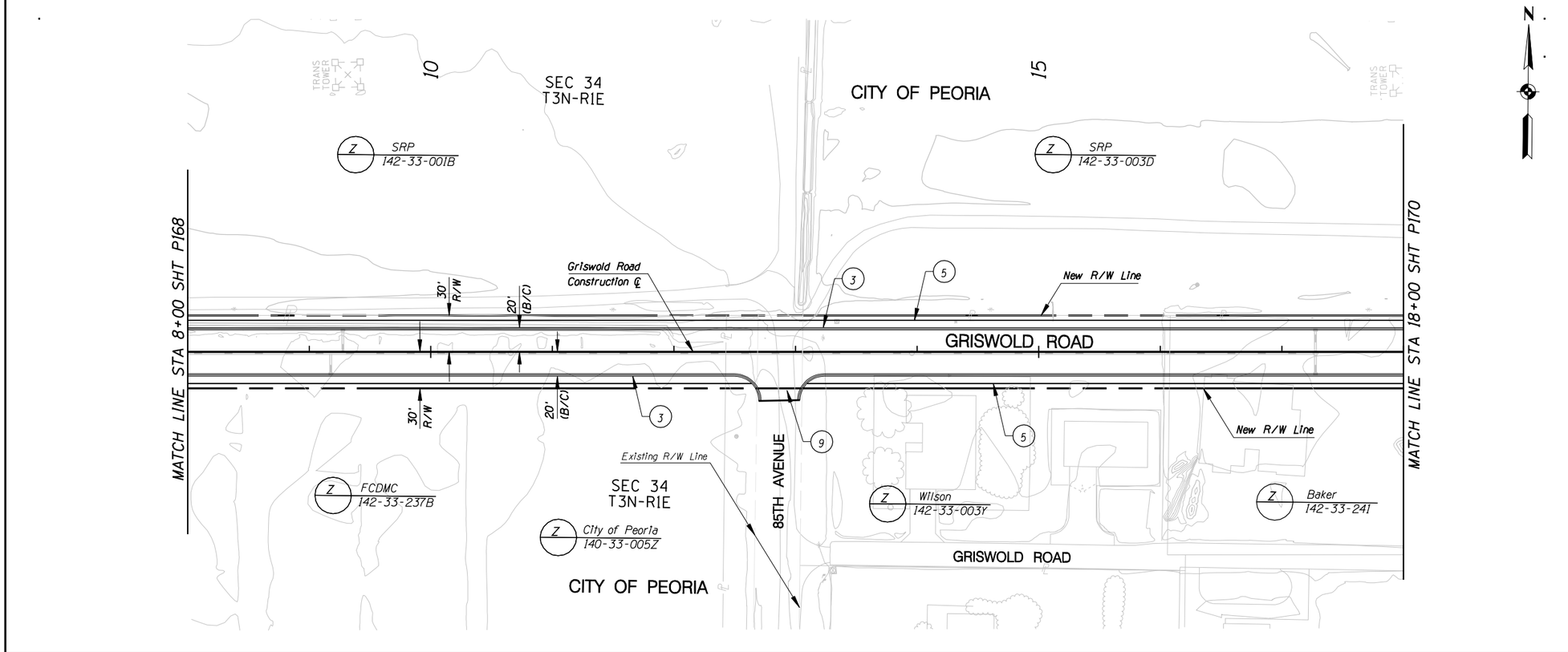
1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p178.dgn

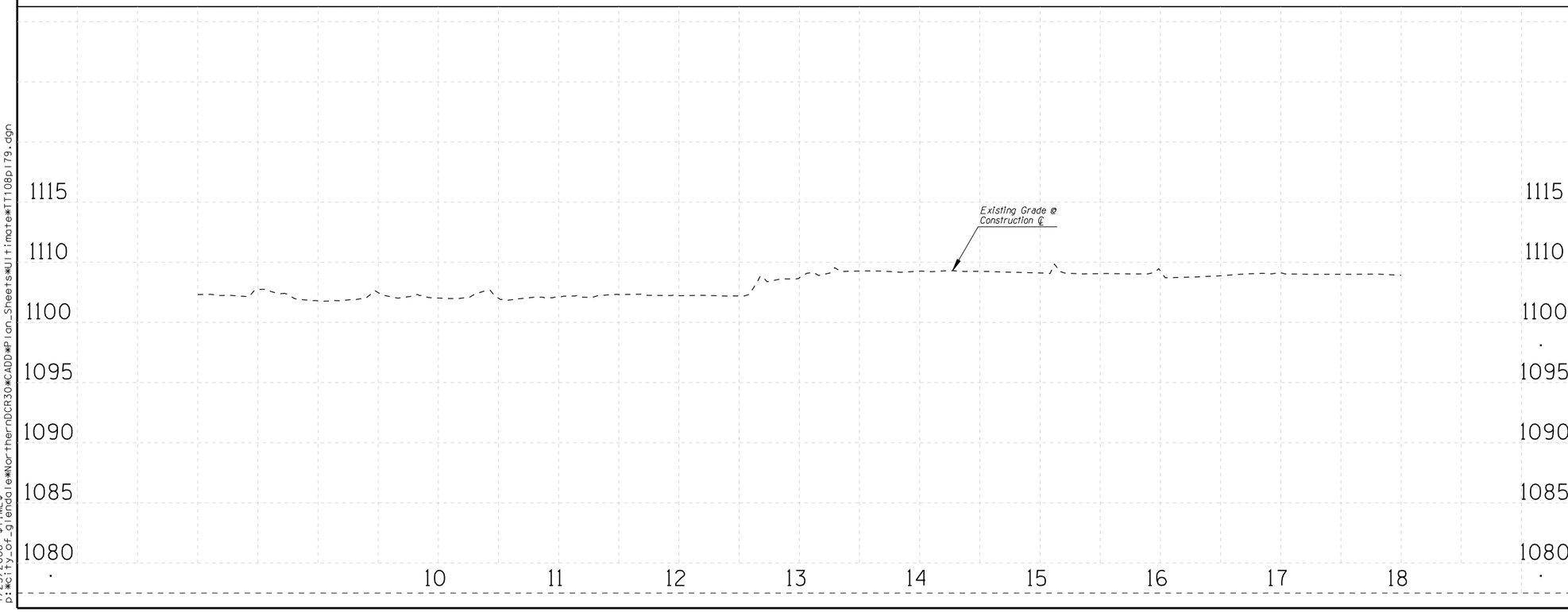
English

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

☐ **REMOVAL /RELOCATE** ☐

1





○ **CONSTRUCTION** ○

1
2
3 New Curb & Gutter
4
5 New S/W
6
7
8
9 New D/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GRISWOLD ROAD PLAN & PROFILE SHEET
STA 8+00 TO STA 18+00

SHEET P169

TRACS NO. 0000 MA MMA SS593 01C

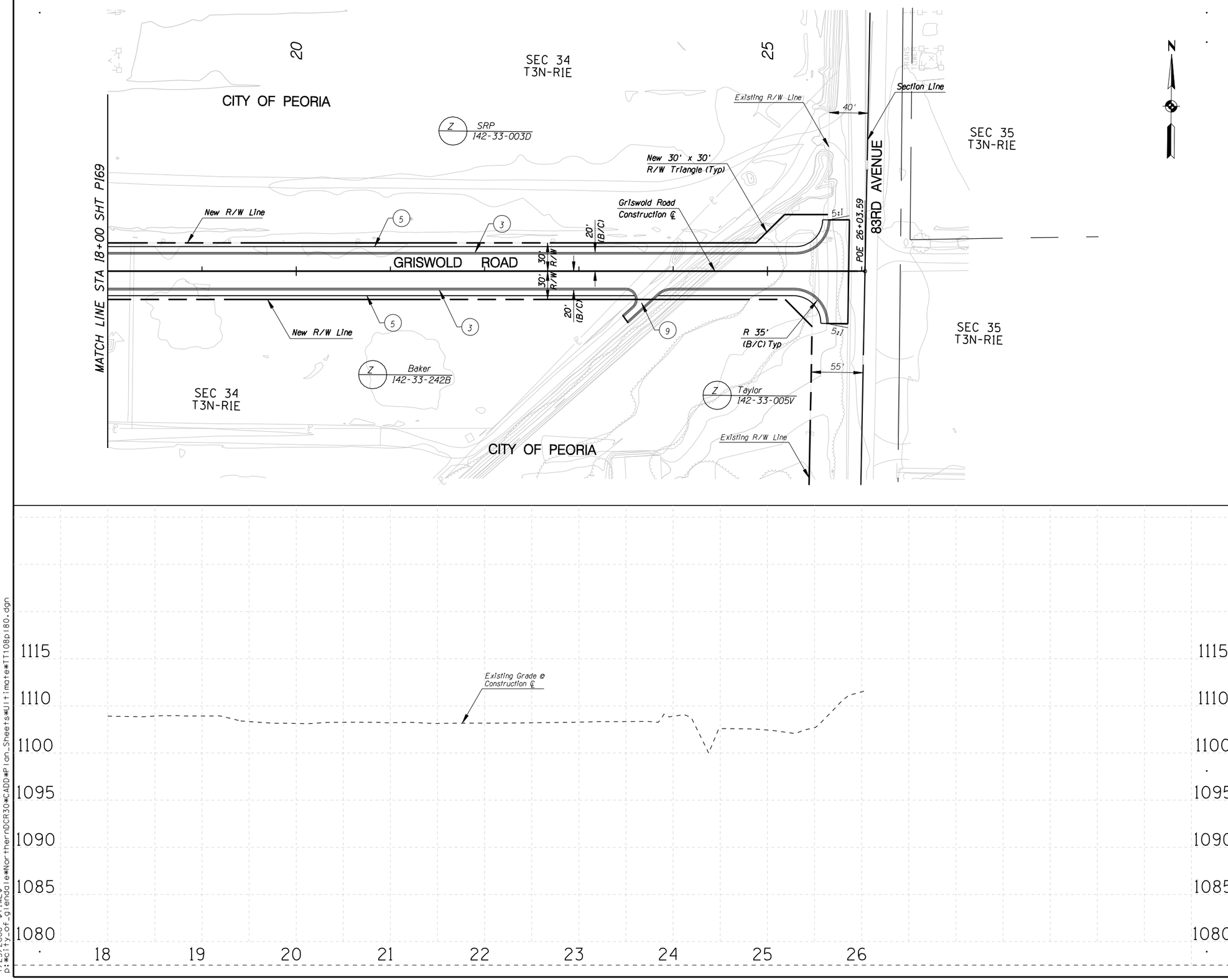
English

1/25/2008 $TIME$
p:*city_of_glendale\NorthernDCR30\CADD\Plan_Sheets\Ultimate\TT108p179.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



○ **CONSTRUCTION** ○

1
2
3 New Curb & Gutter
4
5 New S/W
6
7
8
9 New D/W

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

GRISWOLD ROAD PLAN & PROFILE SHEET
STA 18+00 TO STA 26+11

SHEET P170

TRACS NO. 0000 MA MMA SS593 01C

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p180.dgn

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

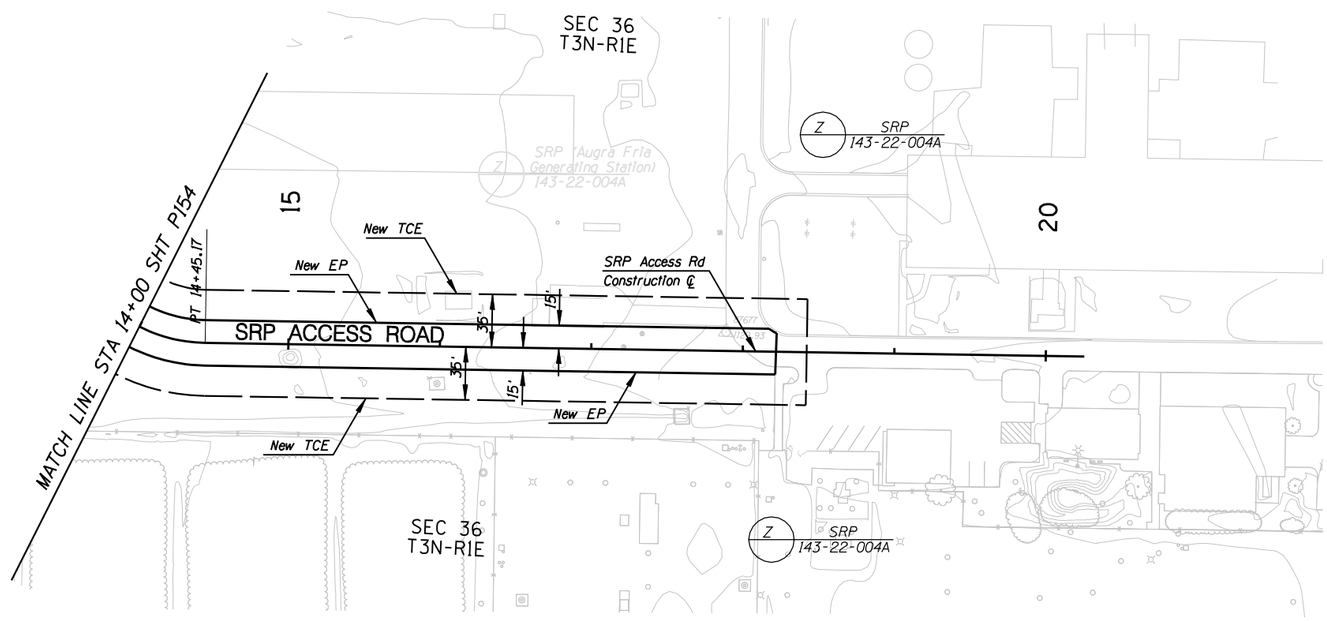
☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

CITY OF PEORIA



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

SRP ACCESS ROAD
PLAN & PROFILE SHEET
STA 14+00 TO STA 20+00

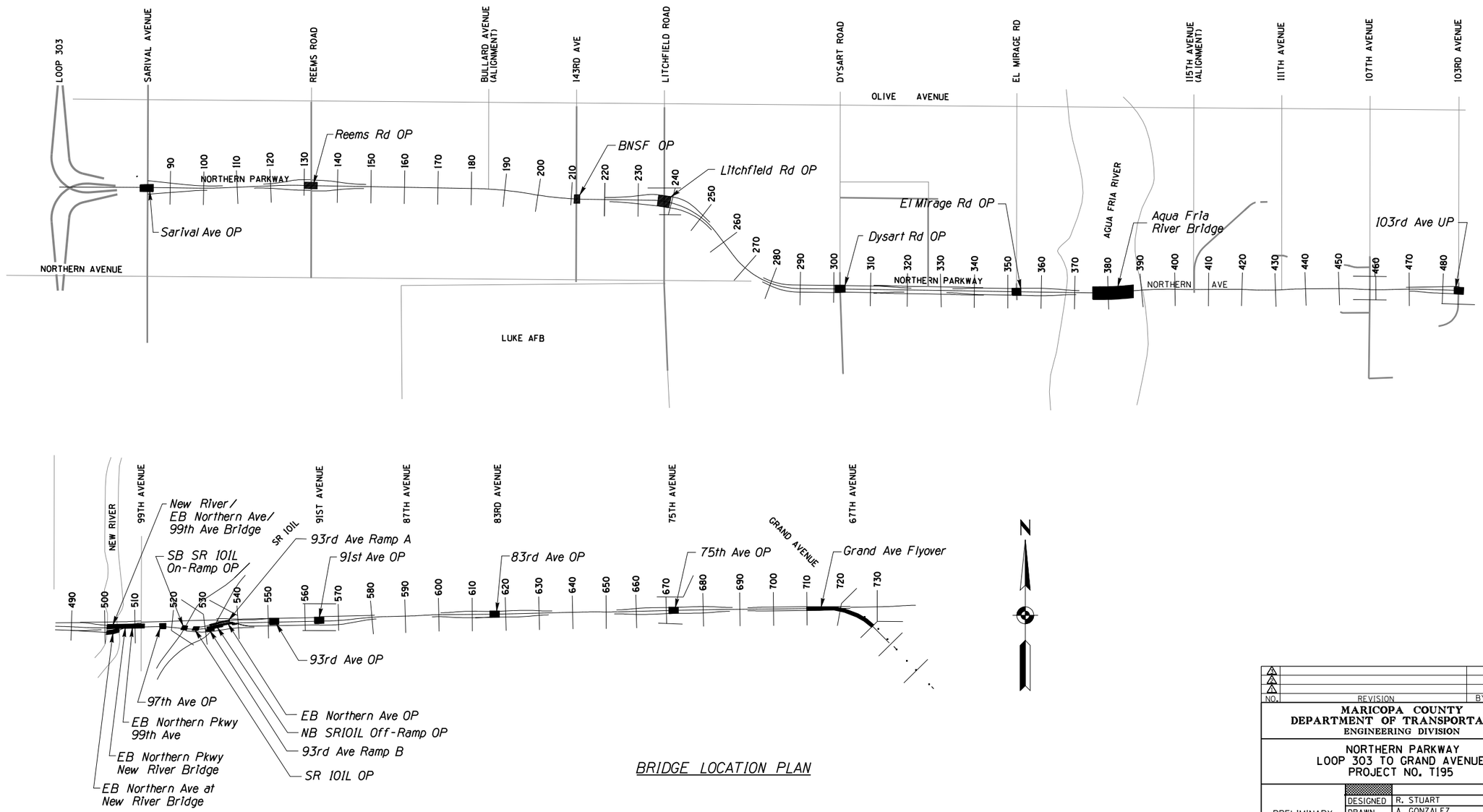
SHEET
P171

TRACS NO. 0000 MA MMA SS593 01C

English

1/25/2008 $TIME$
p:*city_of_glendale*NorthernDCR30*CADD*Plan_Sheets*Ultimate*TT108p177.dgn

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



BRIDGE LOCATION PLAN

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R. STUART	7/08
DRAWN	A. GONZALEZ	7/08
CHECKED	R. STUART	7/08

URS

BRIDGE LOCATION PLAN

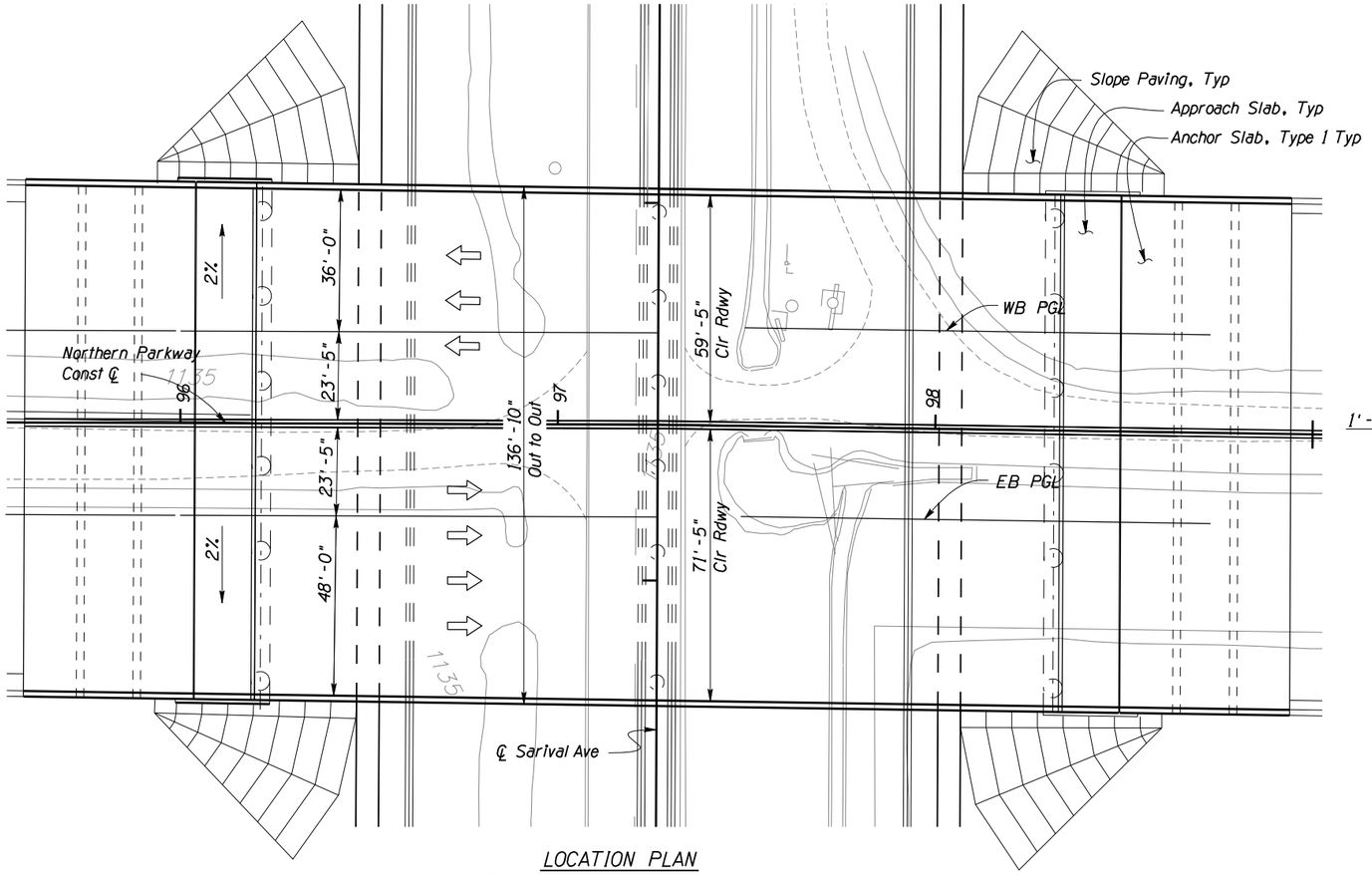
SHEET S1

TRACS NO. 0000 MA MMA SS593 01C

English

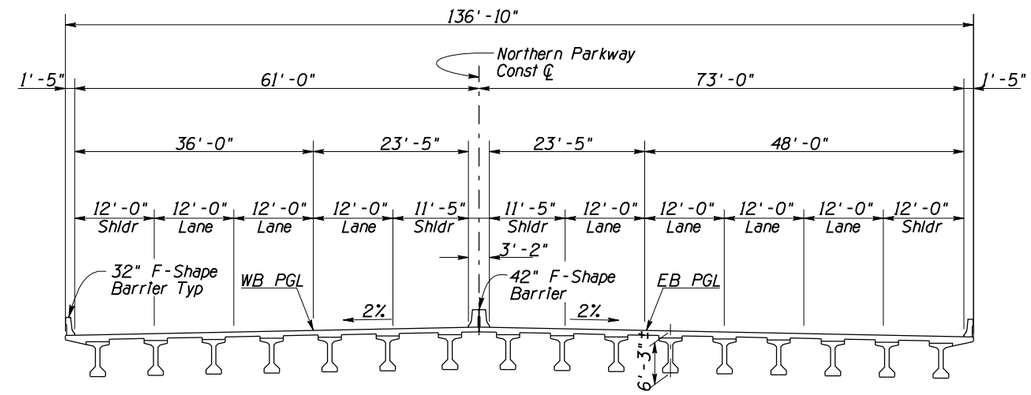
5/28/2009 4:59:52 PM
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Structures\T108_Key_Map.dgn

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

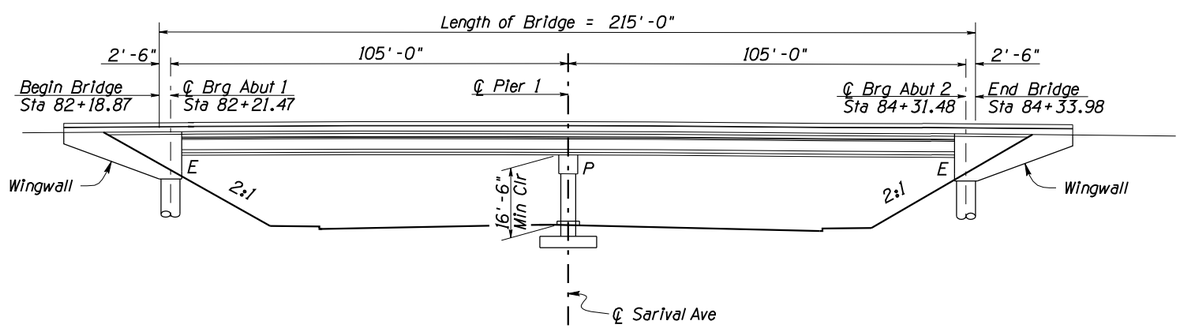


LOCATION PLAN

New Two-Span AASHTO Type V Girder Bridge
0° Skew



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS
SARIVAL AVENUE OVERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	7/08
DRAWN	A. GONZALEZ	7/08
CHECKED	R. STUART	7/08

URS

PRELIMINARY STRUCTURE CONCEPTS
SARIVAL AVENUE OVERPASS

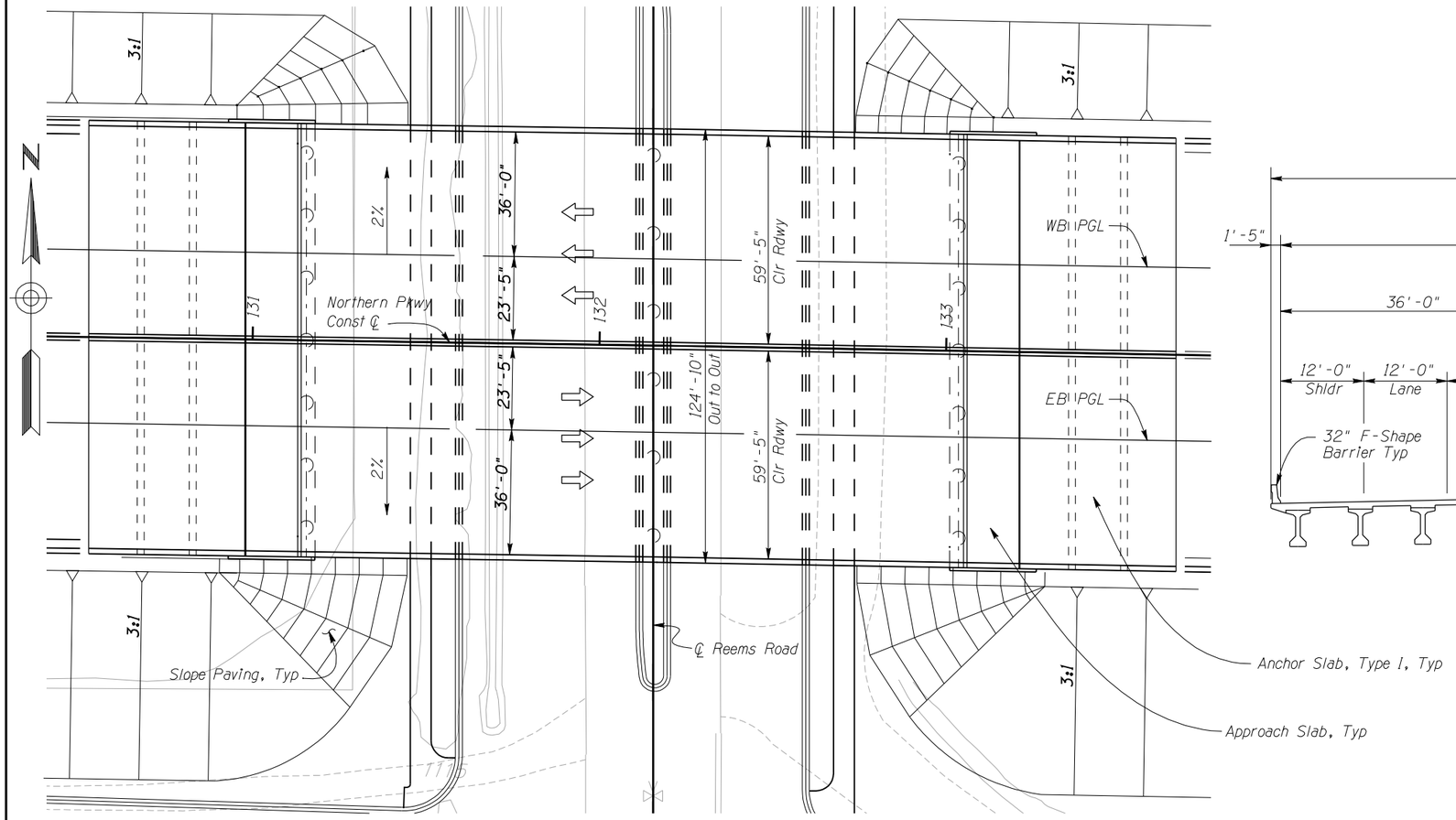
SHEET
S2

TRACS NO. 0000 MA MMA SS593 01C

English

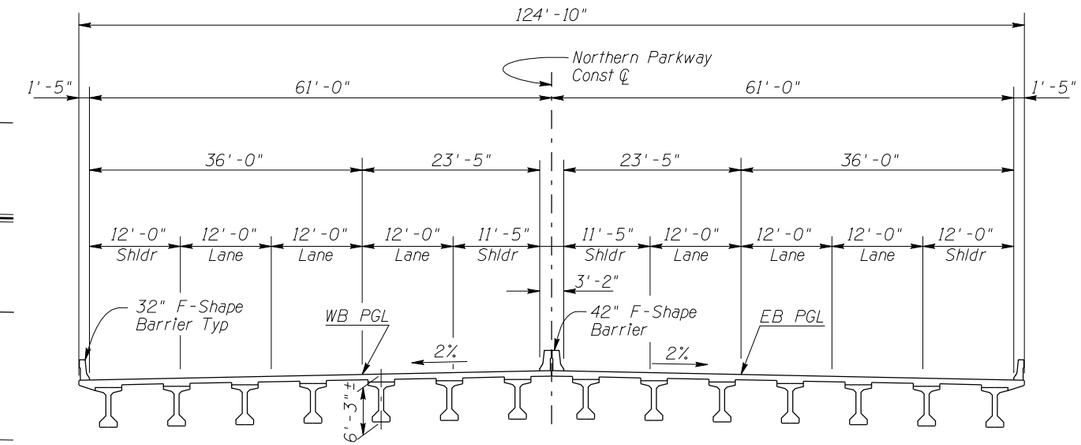
5/28/2009 5:04:28 PM
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Structures\TT108SarivalAve_DP.dgn

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

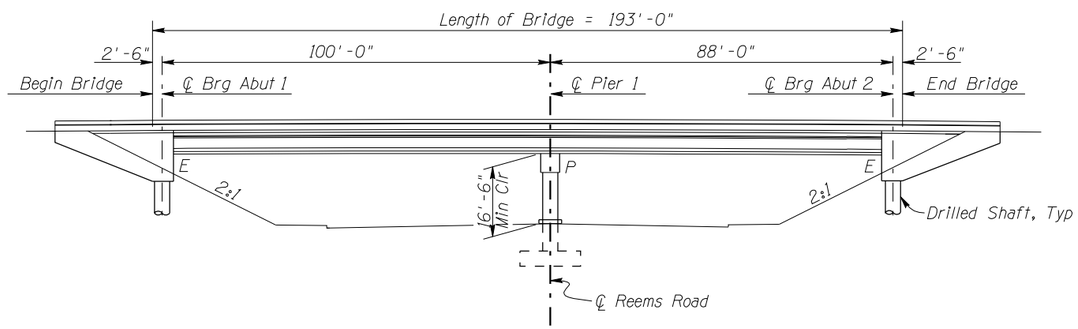


LOCATION PLAN

New Two-Span AASHTO Type V Girder Bridge
0° Skew



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS
REEMS ROAD OVERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

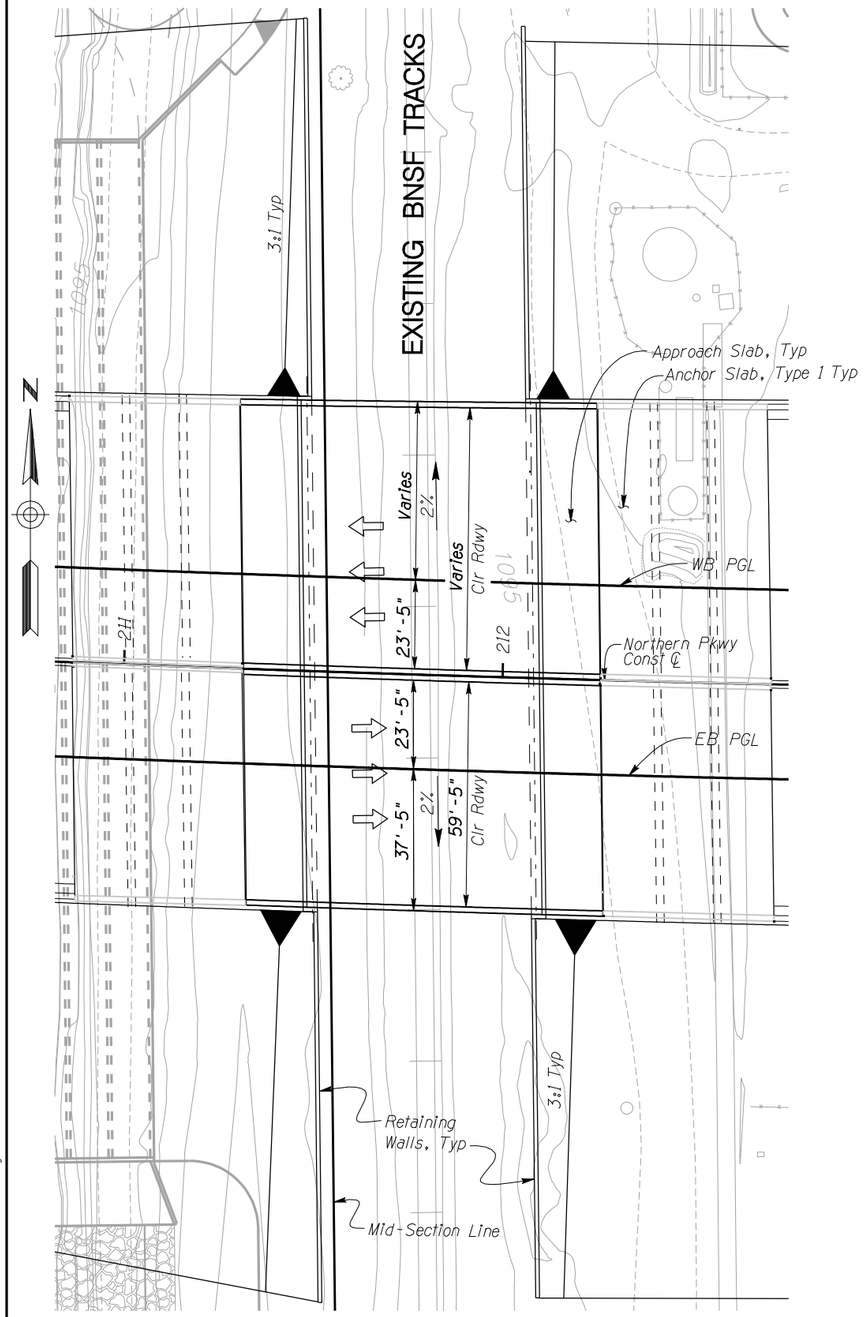
PRELIMINARY STRUCTURE CONCEPTS
REEMS ROAD OVERPASS

SHEET S3

TRACS NO. 0000 MA MMA SS593 01C

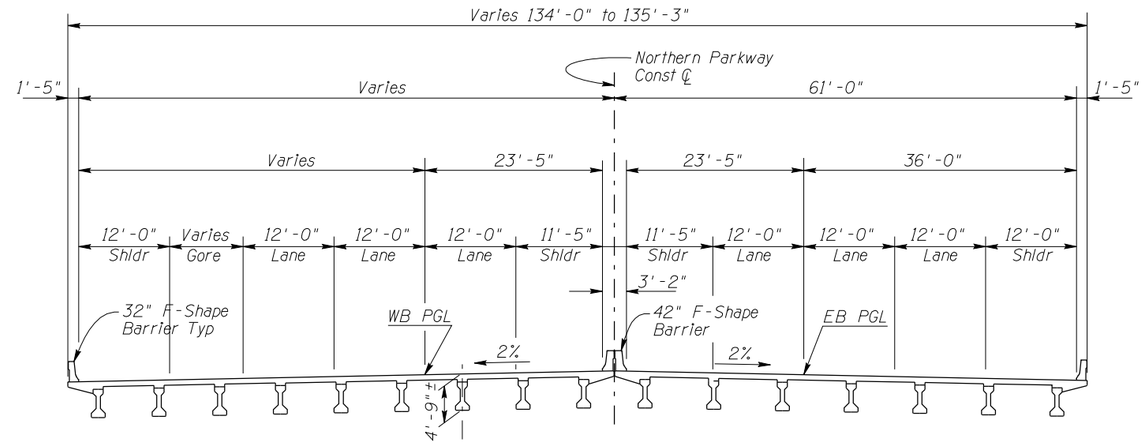
2/6/2008 3:34:41 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T1108Reems.dgn

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

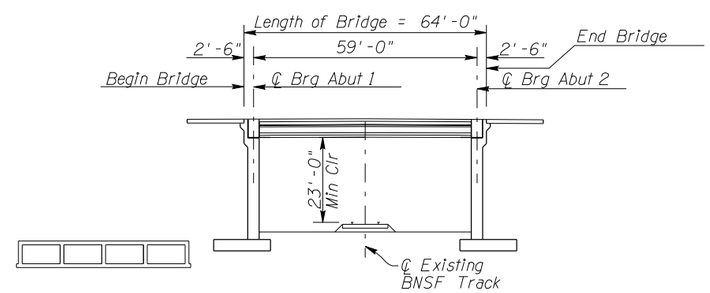


LOCATION PLAN

New One-Span AASHTO Type III Girder Bridge



TYPICAL SECTION



LONGITUDINAL SECTION

PRELIMINARY STRUCTURE CONCEPTS
BNSF OVERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
BNSF OVERPASS

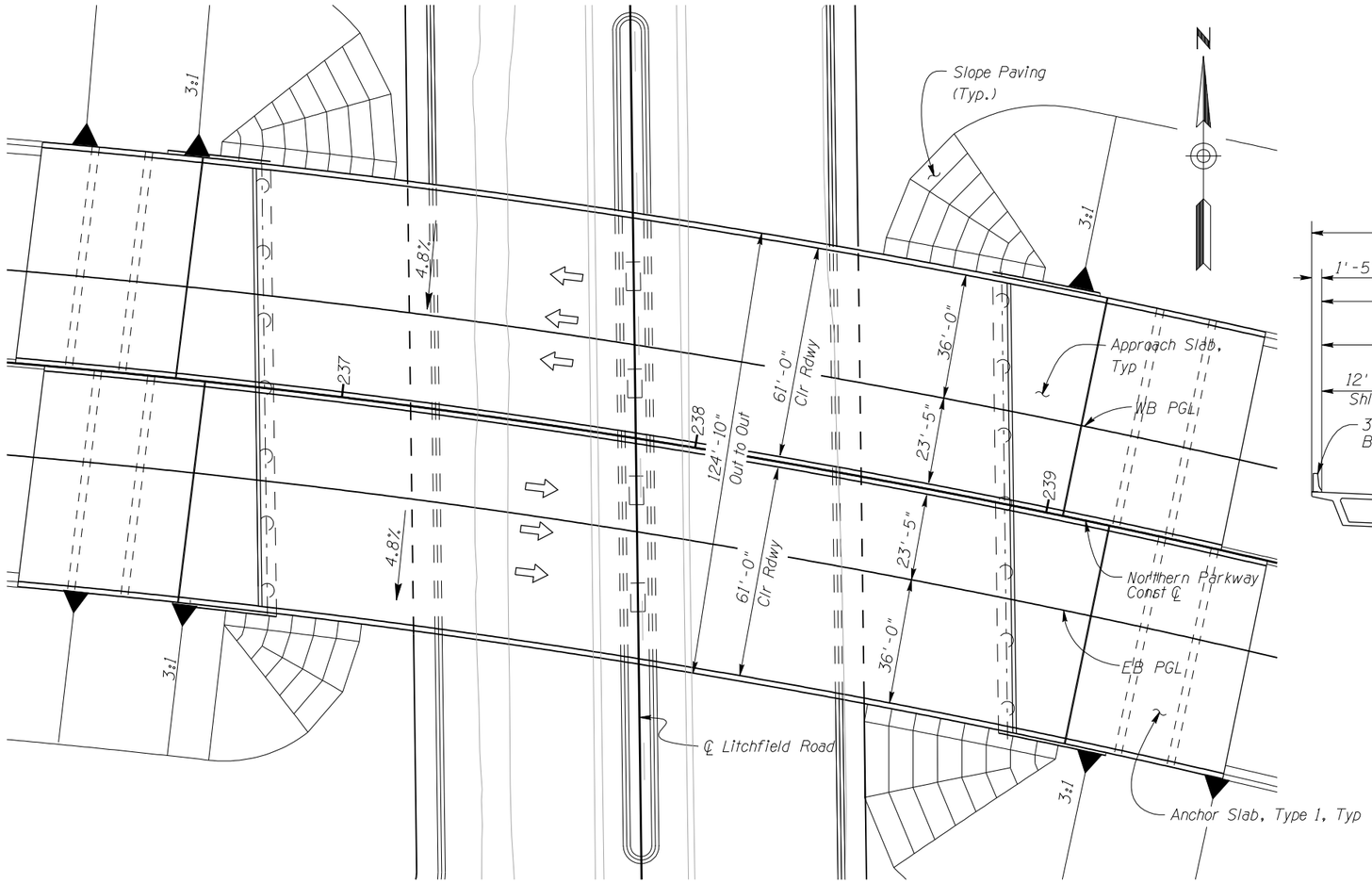
SHEET
S4

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 3:33:30 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T108RailRoad_OP.dgn

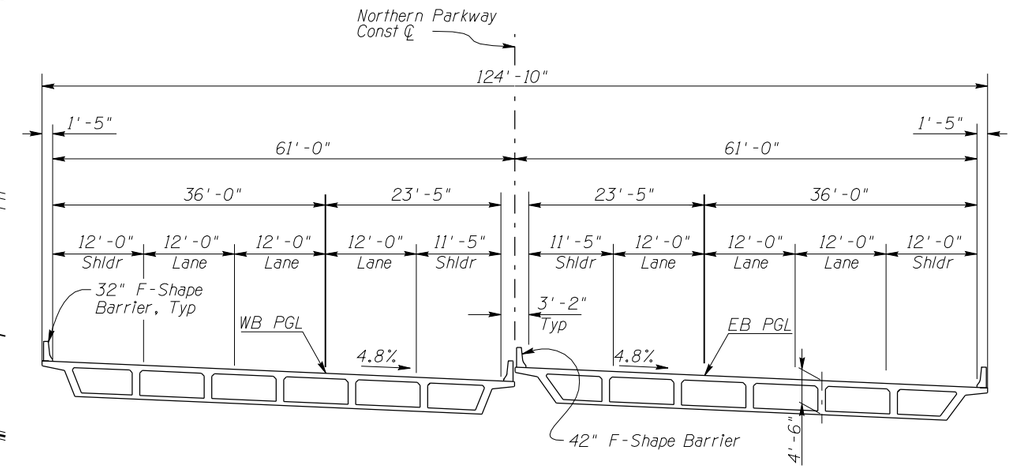
English

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

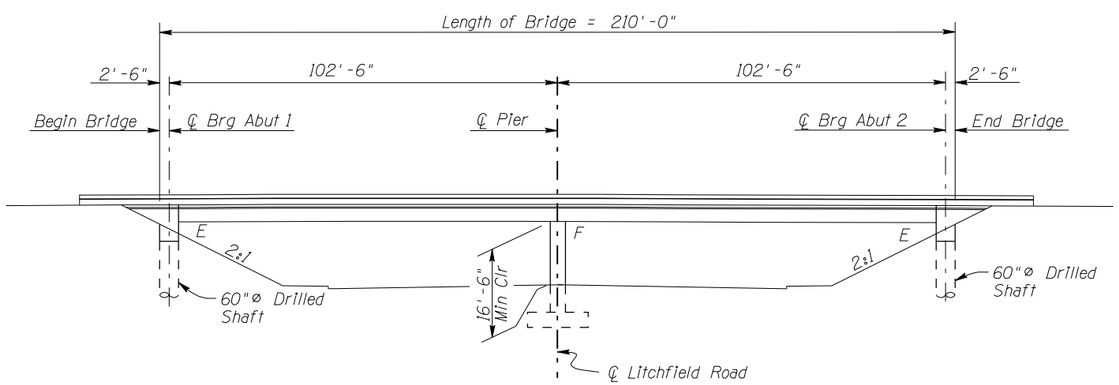


LOCATION PLAN

New Two-Span Cast-in-Place Post-Tensioned Box Girder Bridge



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS
LITCHFIELD ROAD OVERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
LITCHFIELD ROAD OVERPASS

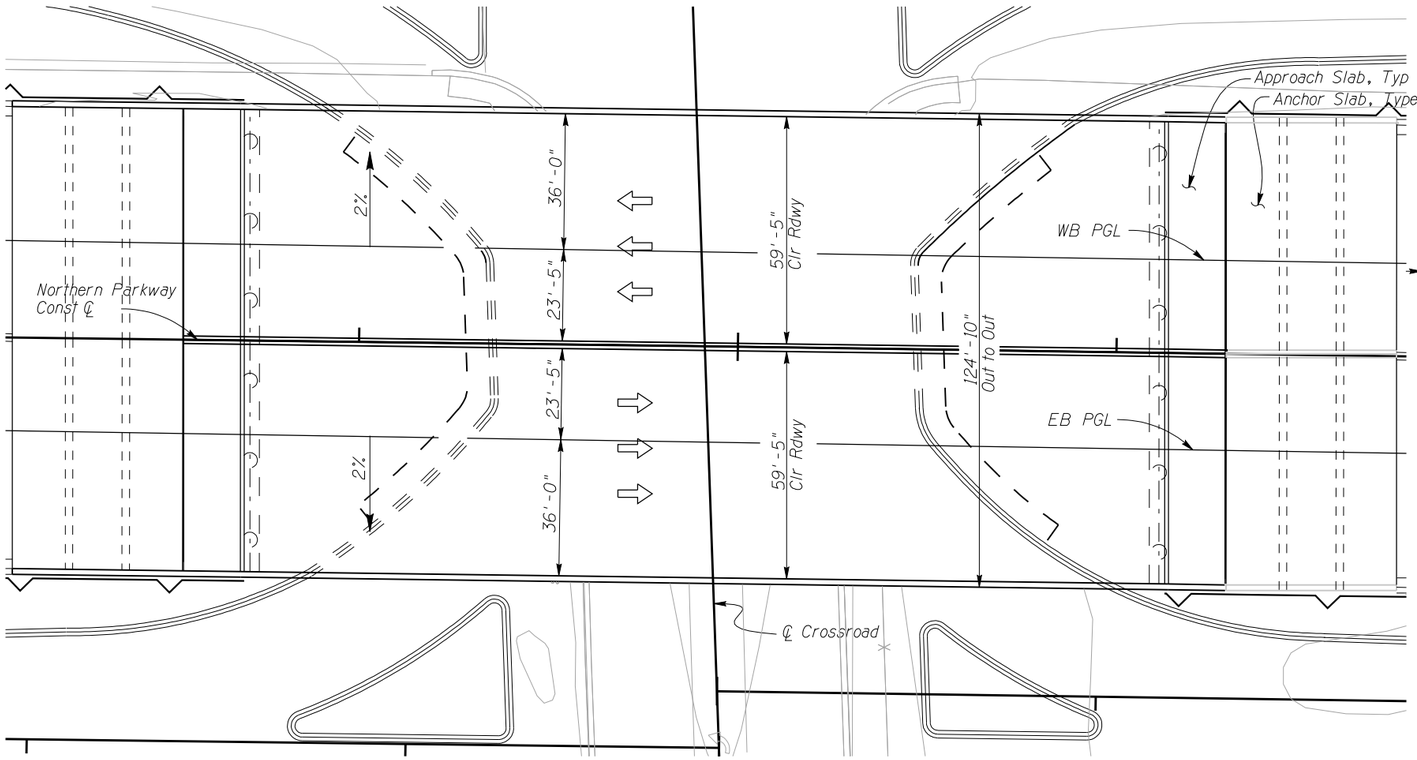
SHEET S5

TRACS NO. 0000 MA MMA SS593 01C

English

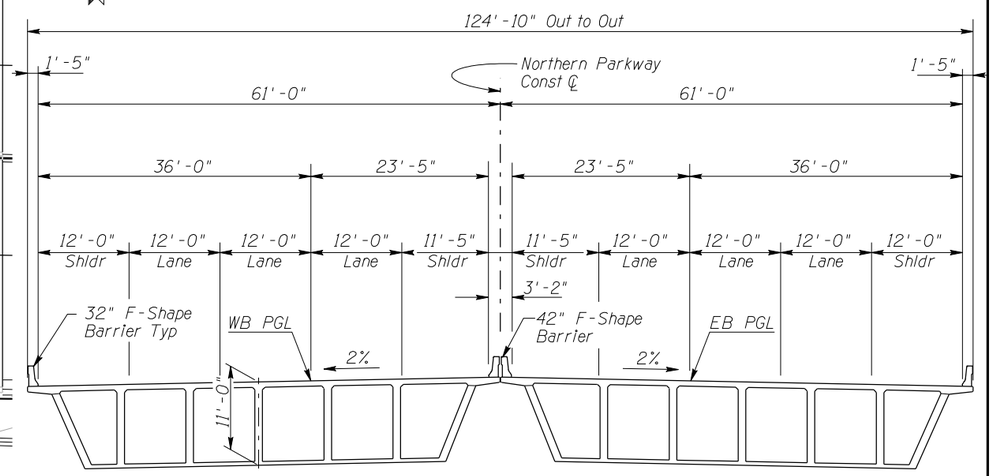
2/6/2008 3:11:59 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108Litchfield.dgn

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

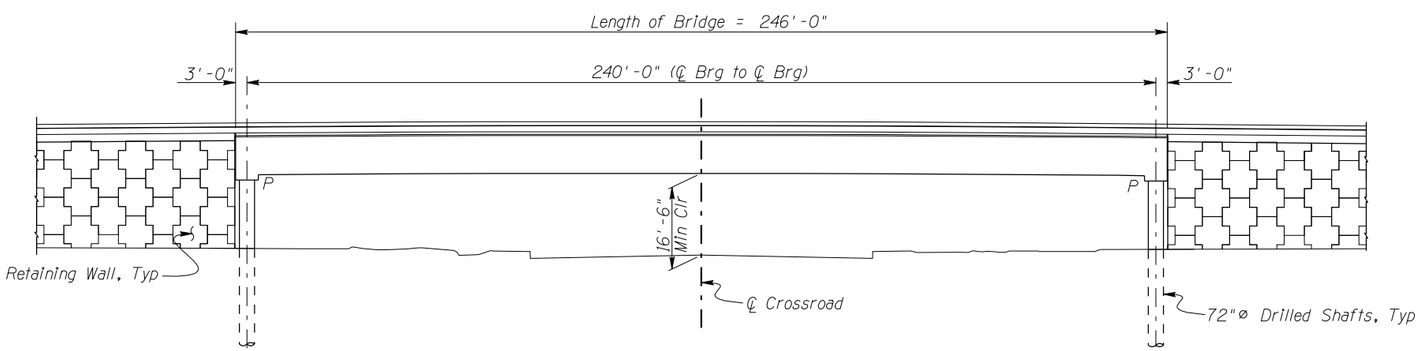


LOCATION PLAN

New Single Span Cast-In-Place Post-Tensioned Box Girder Bridge



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS

DYSART ROAD OVERPASS

EL MIRAGE ROAD OVERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	K. RUFFENNACH	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
DYSART & EL MIRAGE OVERPASS

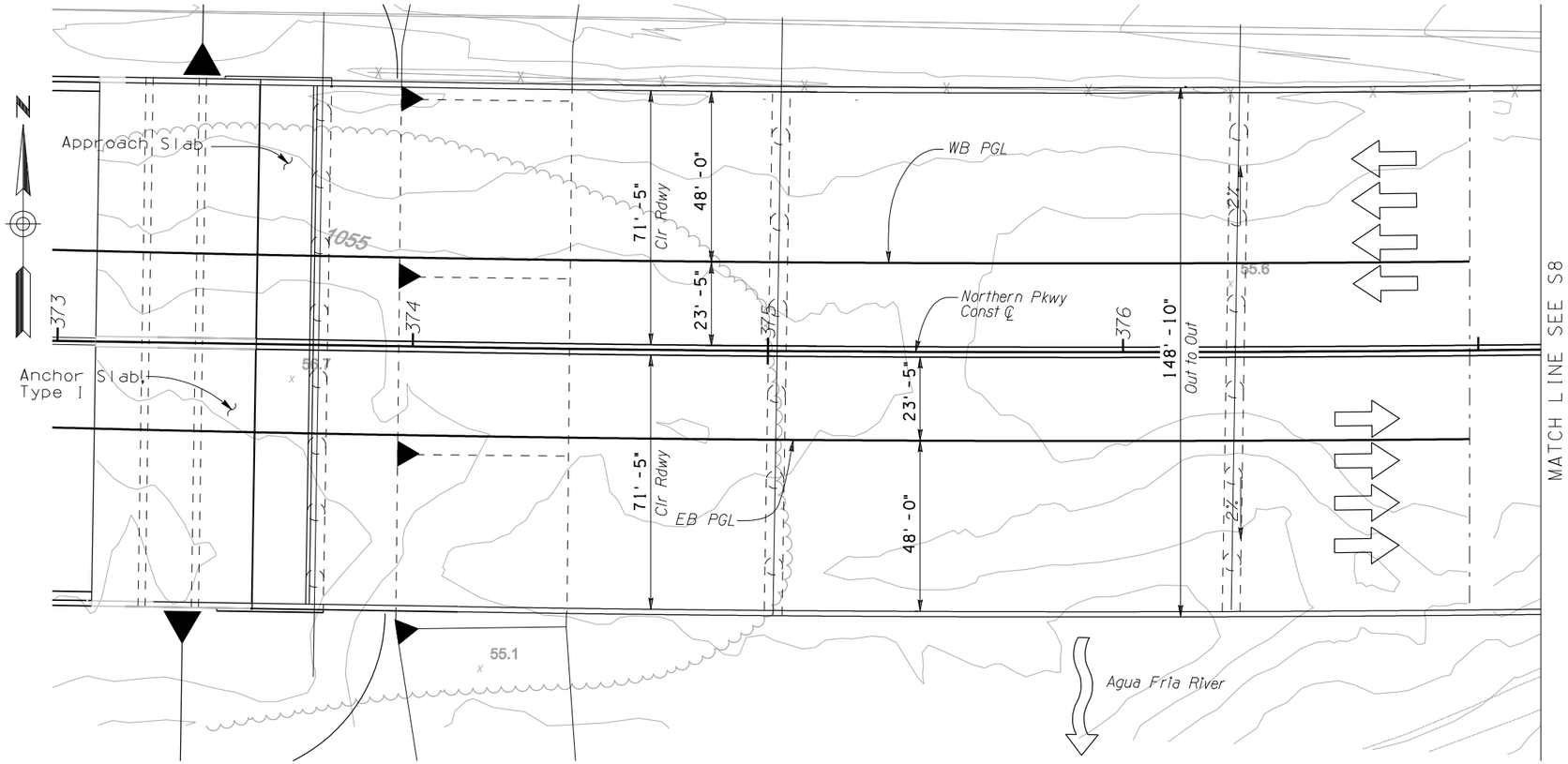
SHEET S6

TRACS NO. 0000 MA MMA SS593 01C

English

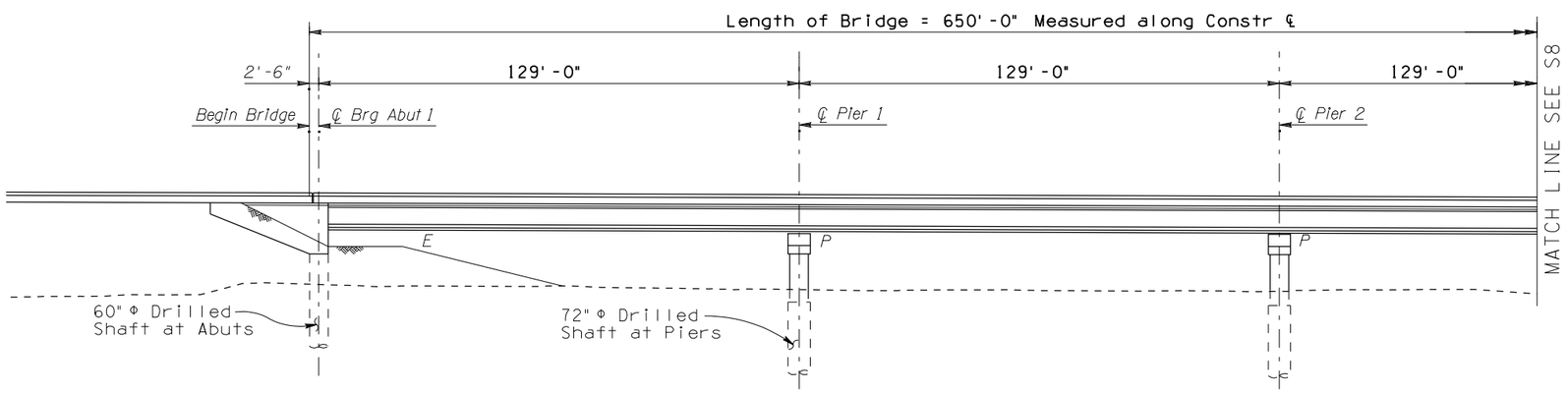
2/6/2008 3:11:22 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108Dysart_&_El_Mirage.dgn

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



LOCATION PLAN

New Five Span AASHTO Type VI Girder Bridge



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS

AGUA FRIA RIVER BRIDGE (1 of 3)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
AGUA FRIA RIVER BRIDGE (1 of 3)

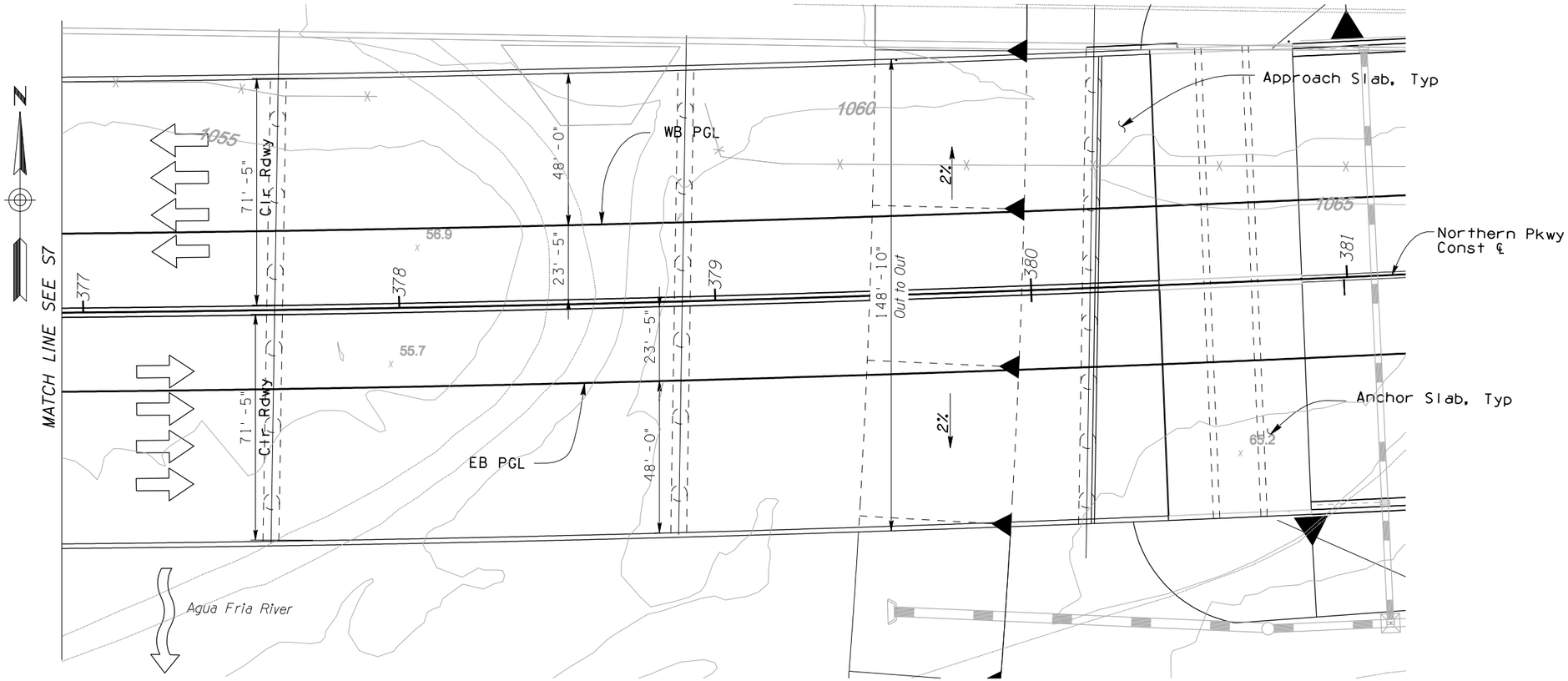
SHEET S7

TRACS NO. 0000 MA MMA SS593 01C

English

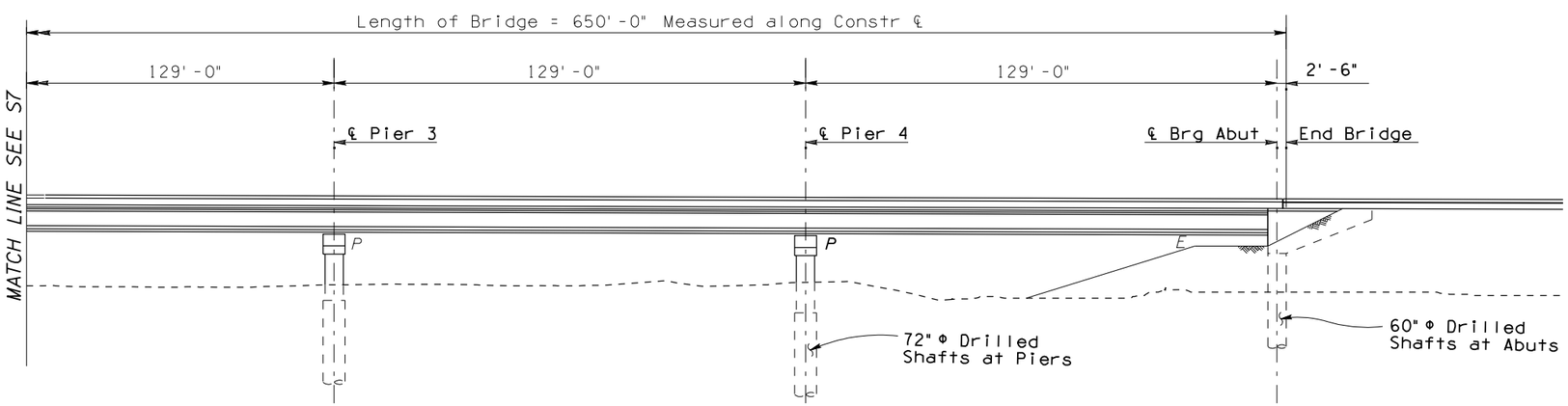
2/6/2008 3:06:51 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T1108AguaFria_1of3.dgn

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



LOCATION PLAN

New Five Span AASHTO Type VI Girder Bridge



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS

AGUA FRIA RIVER BRIDGE (2 of 3)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

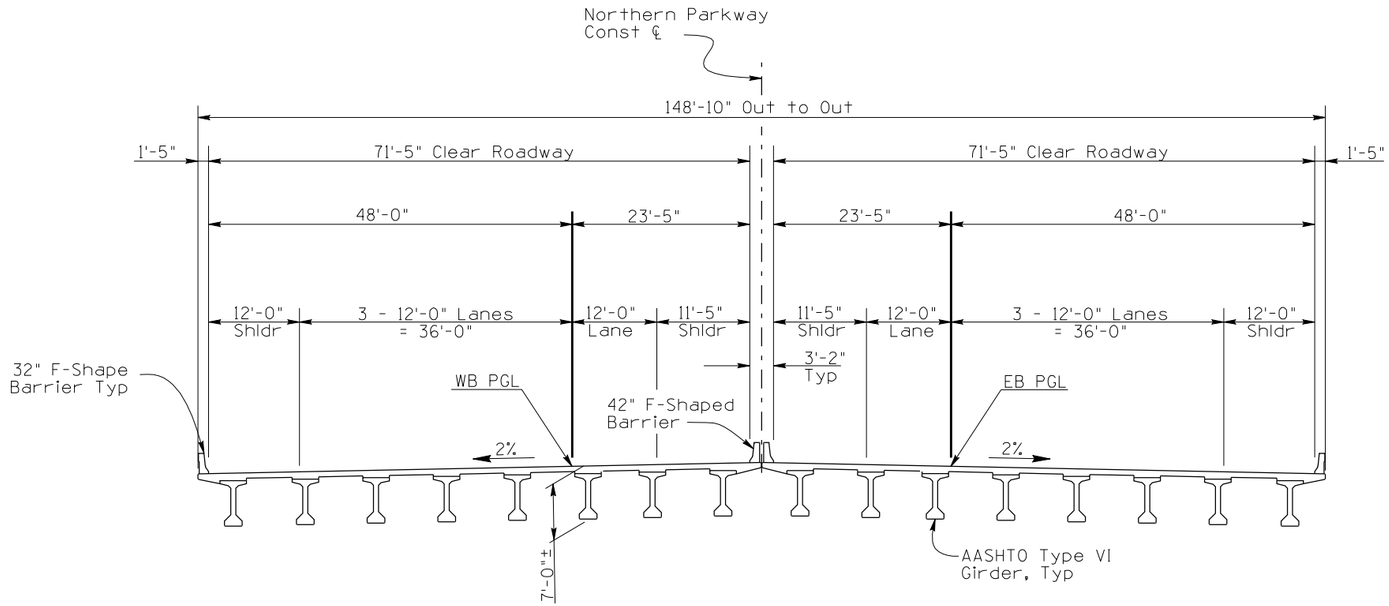
PRELIMINARY STRUCTURE CONCEPTS
AGUA FRIA RIVER BRIDGE (2 of 3)

SHEET
S8

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 3:41:14 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108AguaFria_2of3.dgn

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



TYPICAL SECTION

PRELIMINARY STRUCTURE CONCEPTS

AGUA FRIA RIVER BRIDGE (3 of 3)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
AGUA FRIA RIVER BRIDGE (3 of 3)

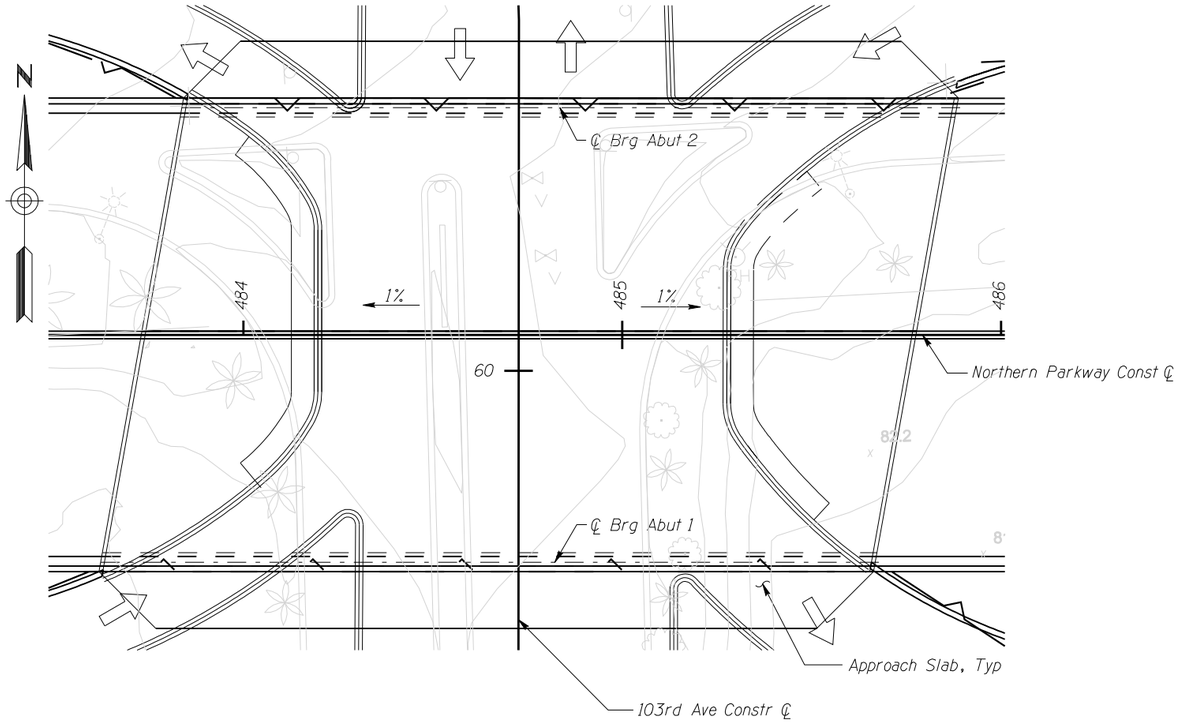
SHEET S9

TRACS NO. 0000 MA MMA SS593 01C

English

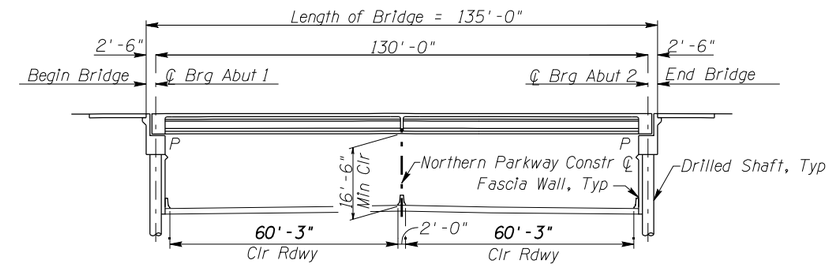
2/6/2008 3:08:24 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108AguaFria_3of3.dgn

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

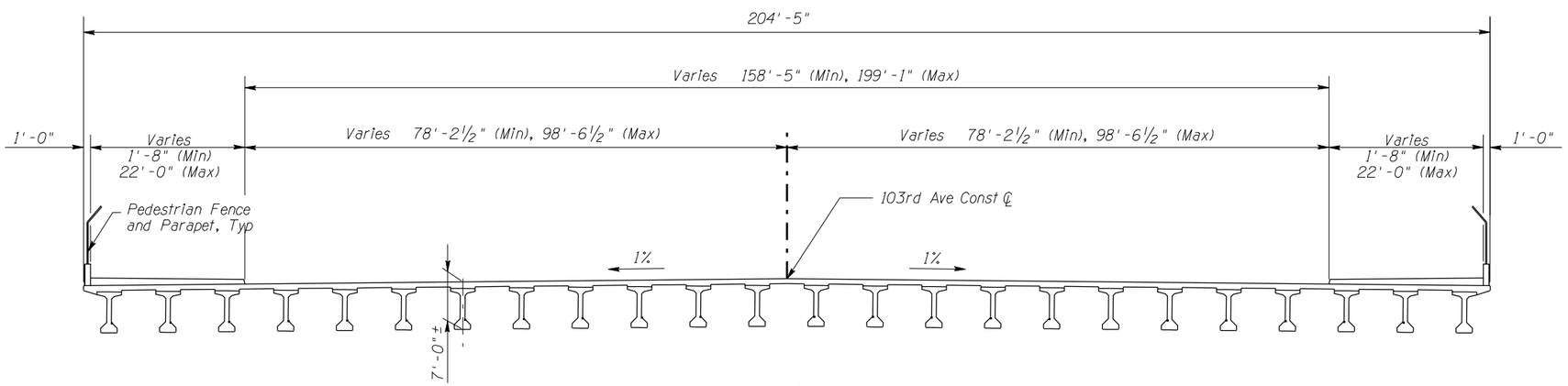


LOCATION PLAN

New Single Span AASHTO Type-VI Girder Bridge



LONGITUDINAL SECTION ALONG CENTERLINE



TYPICAL SECTION

PRELIMINARY STRUCTURE CONCEPTS

103RD AVENUE UNDERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
103RD AVE UNDERPASS

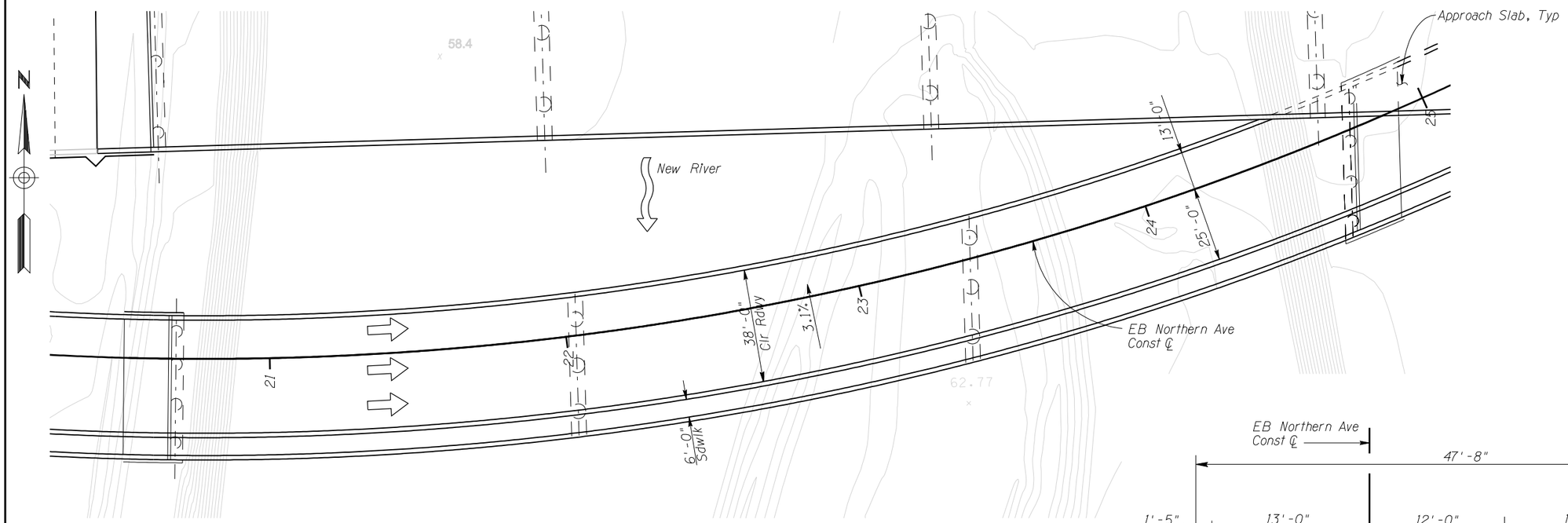
SHEET S10

TRACS NO. 0000 MA MMA SS593 01C

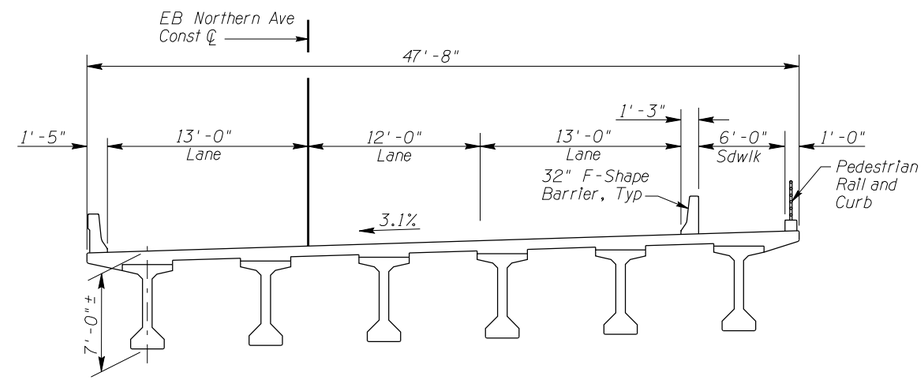
English

2/6/2008 2:20:32 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108_103rdAve.dgn

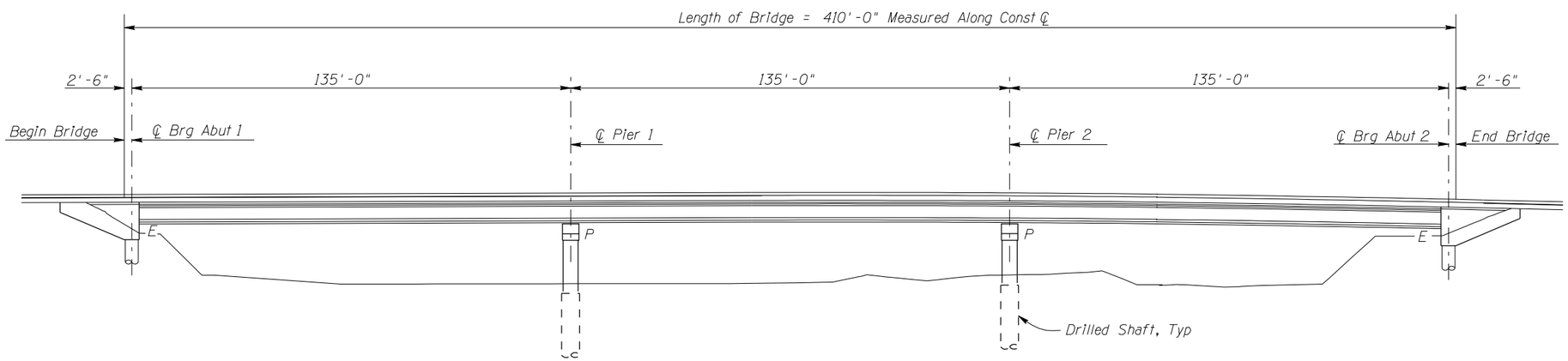
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX



LOCATION PLAN
New Three Span AASHTO Type VI Girder Bridge



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS
EB NORTHERN AVENUE AT NEW RIVER BRIDGE

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
EB NORTHERN AVE AT NEW RIVER BRIDGE

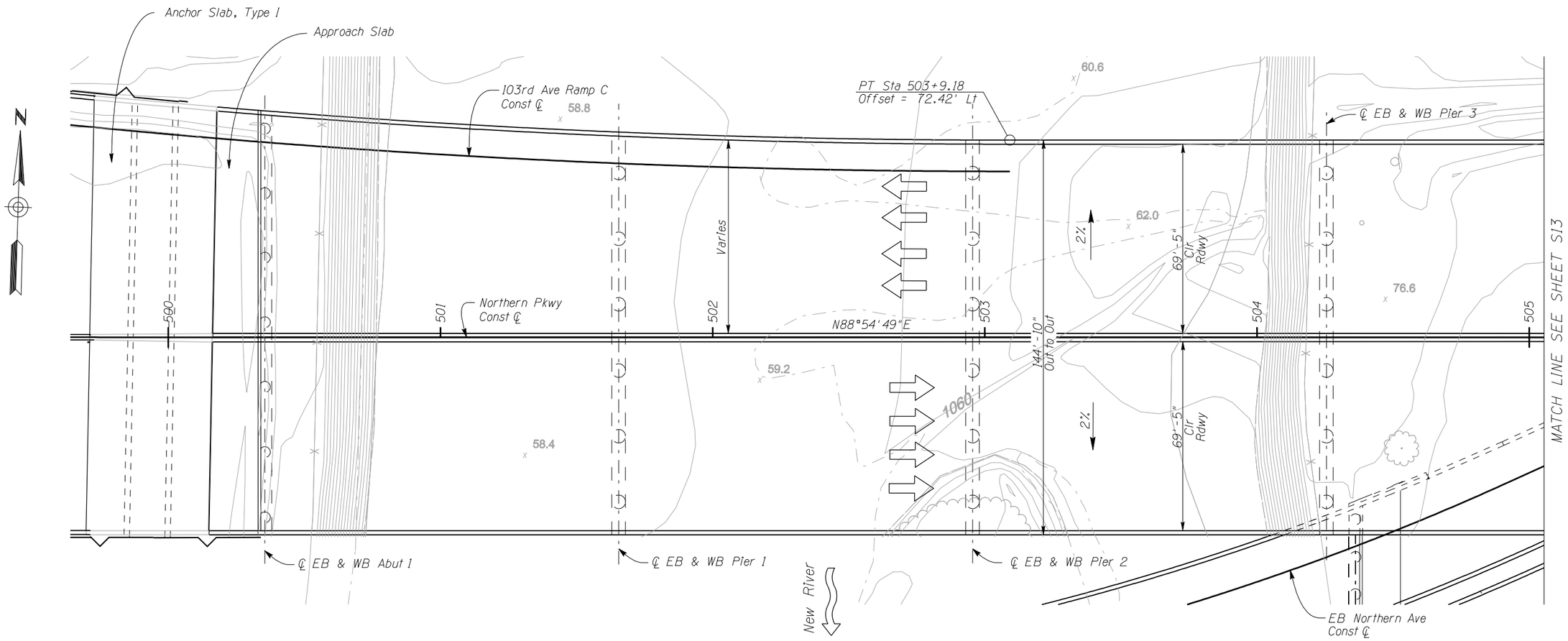
SHEET S11

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 3:28:47 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108NewRiverEB.dgn

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



LOCATION PLAN - 1

Westbound Structure: New Eight Span AASHTO Type VI/Type VI-S Girder Bridge

Eastbound Structures: New Five Span AASHTO Type VI Girder Bridge and New Single Span AASHTO Type VI Girder Bridge

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE
OVERPASS (1 of 7)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

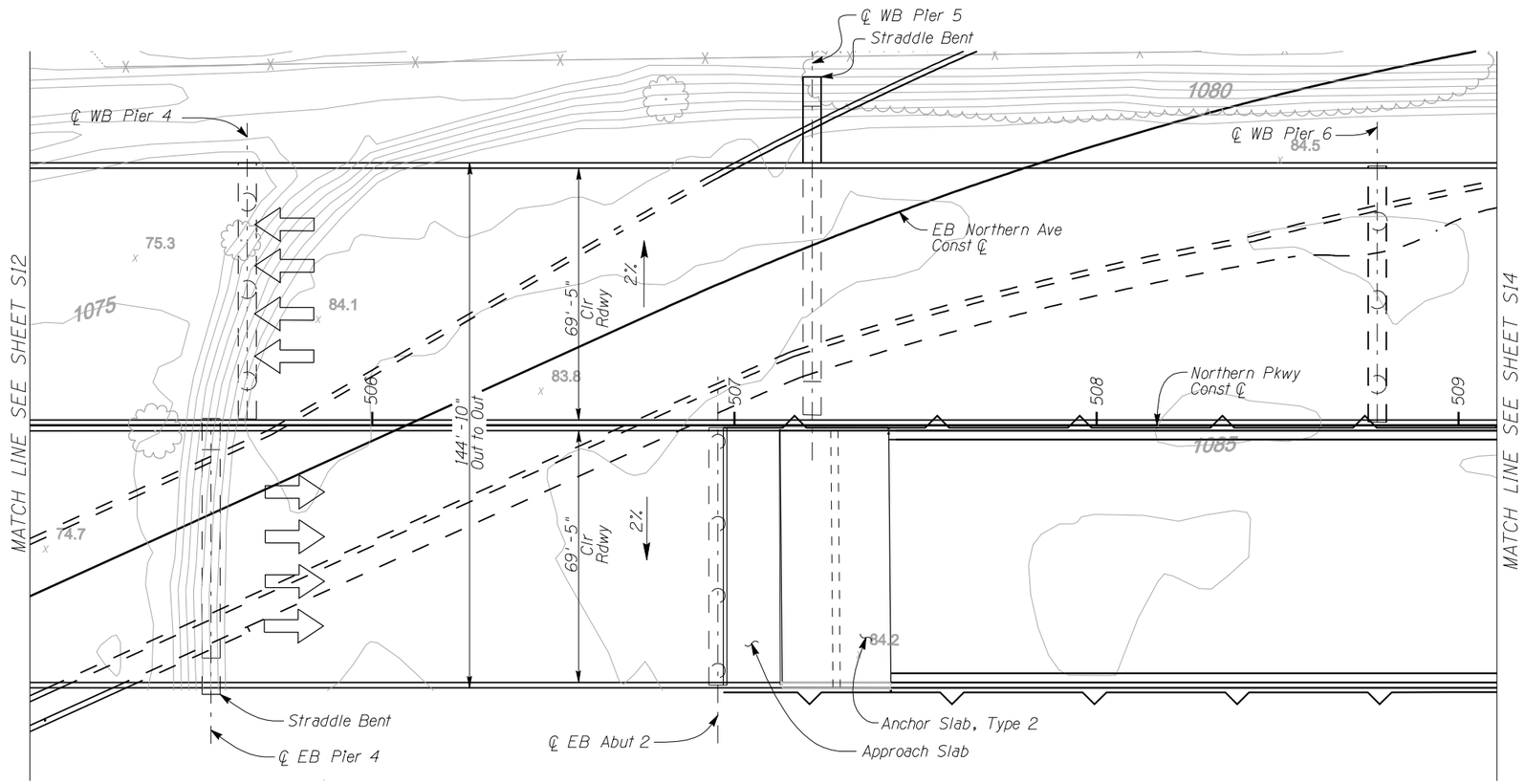
PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE (1 OF 7)

SHEET
S12

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 3:46:36 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108NewRiverBP_1of7.dgn

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



PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE
OVERPASS (2 of 7)

LOCATION PLAN - 2

Westbound Structure: New Eight Span AASHTO
Type VI/Type VI-S Girder Bridge

Eastbound Structures: New Five Span AASHTO
Type VI Girder Bridge
and
New Single Span AASHTO
Type VI Girder Bridge

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

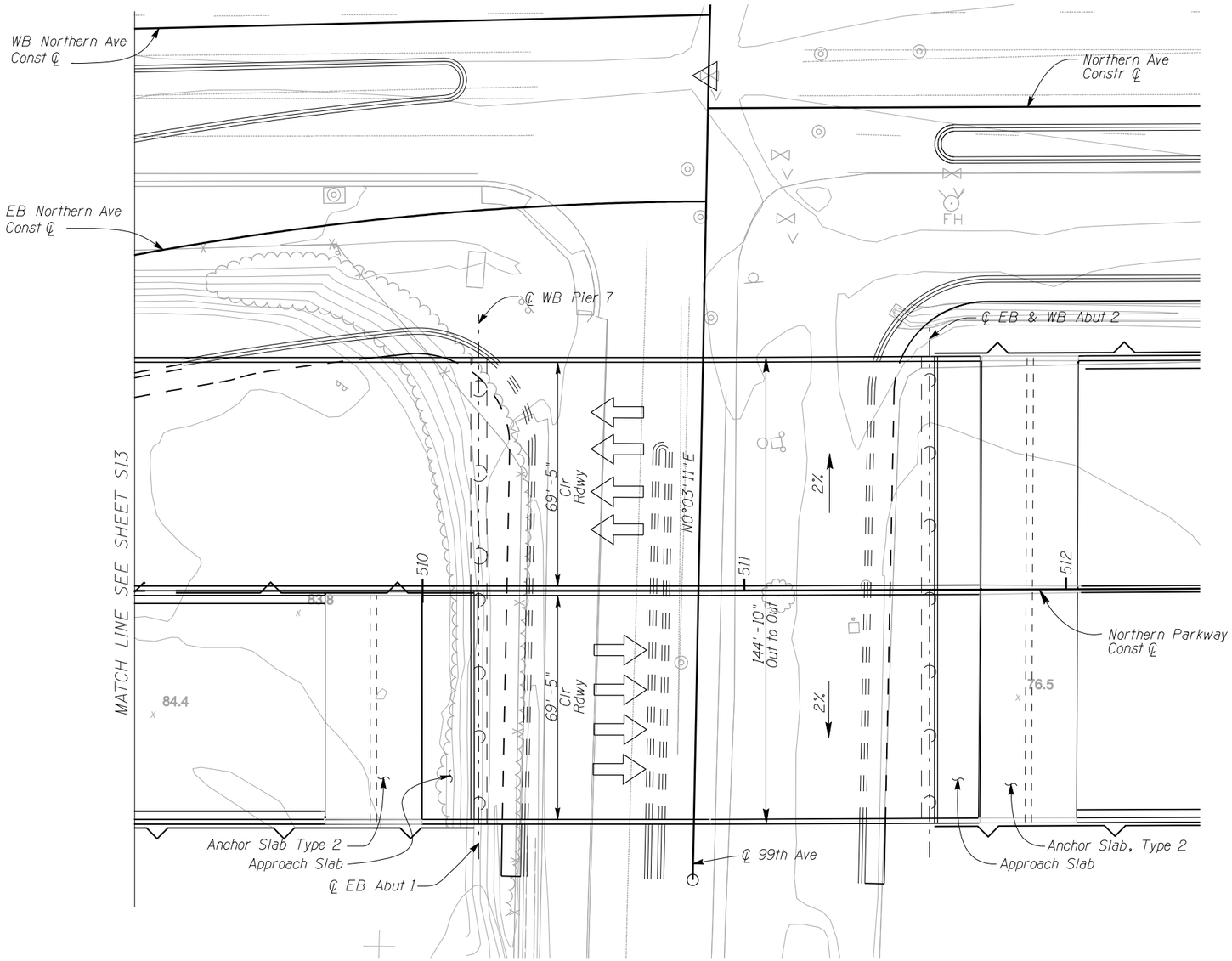
PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE (2 OF 7)

SHEET
S13

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 3:23:44 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108NewRiverBP_2of7.dgn

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



LOCATION PLAN - 3

Westbound Structure: New Eight Span AASHTO Type VI/Type VI-S Girder Bridge

Eastbound Structures: New Five Span AASHTO Type VI Girder Bridge and New Single Span AASHTO Type VI Girder Bridge

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE OVERPASS (3 of 7)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE (3 OF 7)

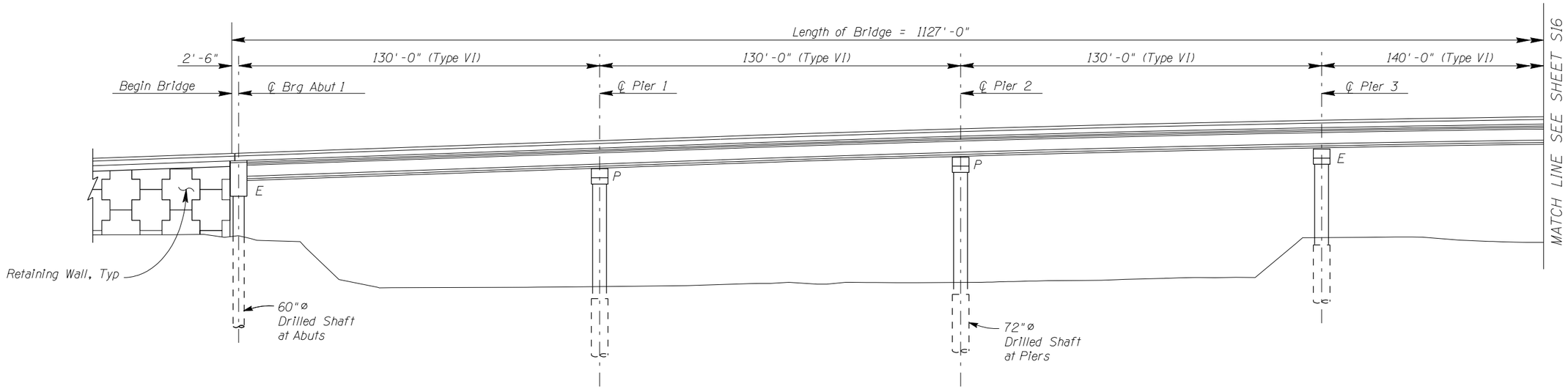
SHEET S14

TRACS NO. 0000 MA MMA SS593 01C

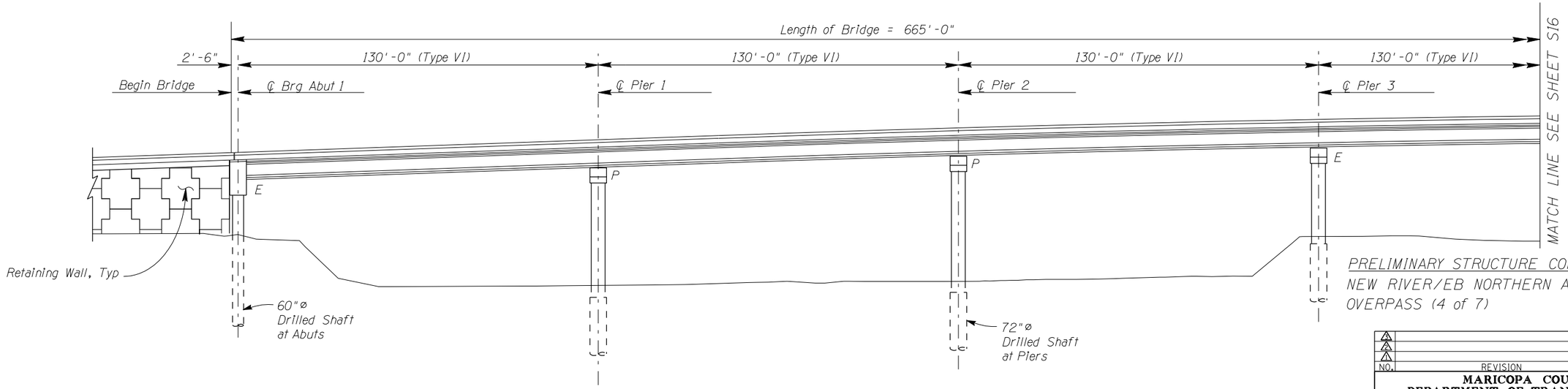
English

2/6/2008 3:25:03 PM
P:\City_of_Glendale\Northern\DCR30\cadd\Structures\TT108NewRiverBP_3of7.dgn

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



WESTBOUND ELEVATION - 1



EASTBOUND ELEVATION - 1

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE OVERPASS (4 of 7)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE (4 OF 7)

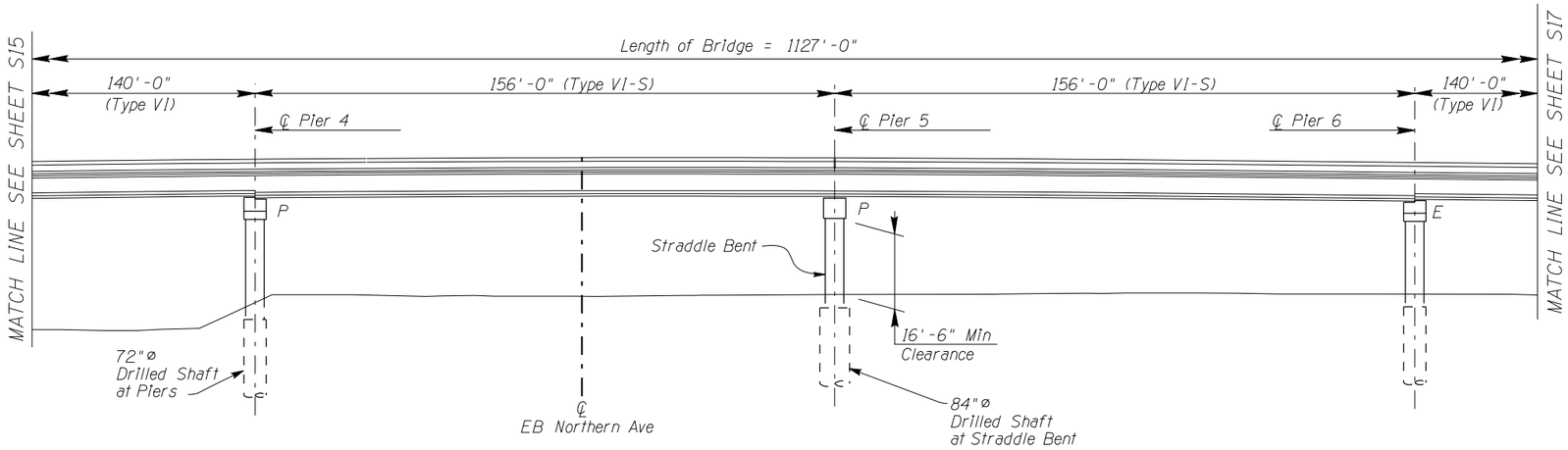
SHEET S15

TRACS NO. 0000 MA MMA SS593 01C

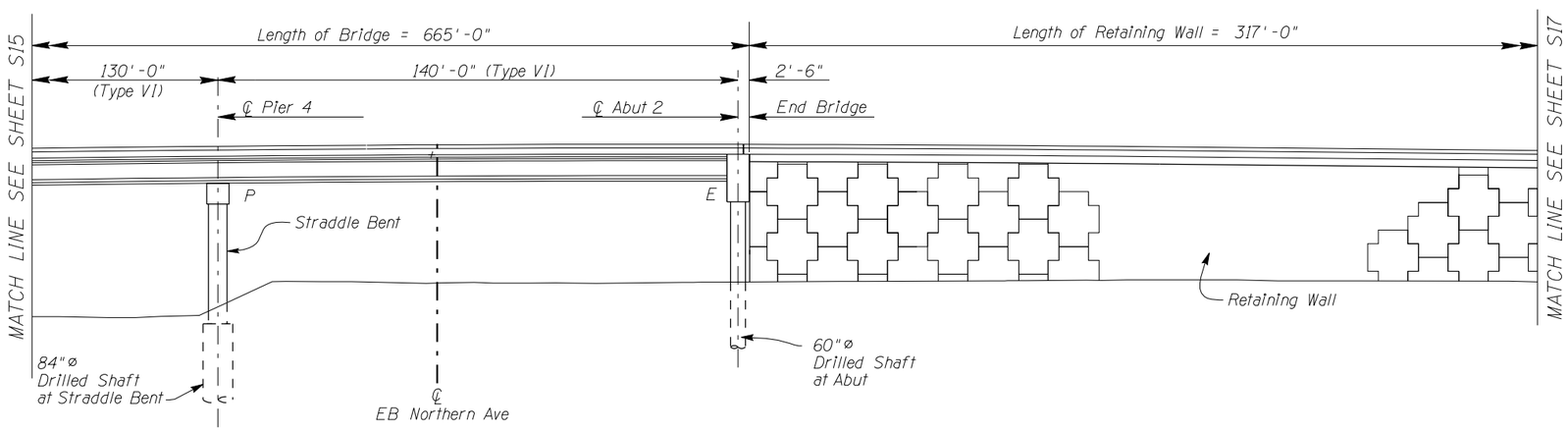
2/6/2008 3:49:00 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108NewRiverBP_4of7.dgn

English

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



WESTBOUND ELEVATION - 2



EASTBOUND ELEVATION - 2

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE OVERPASS (5 of 7)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE (5 OF 7)

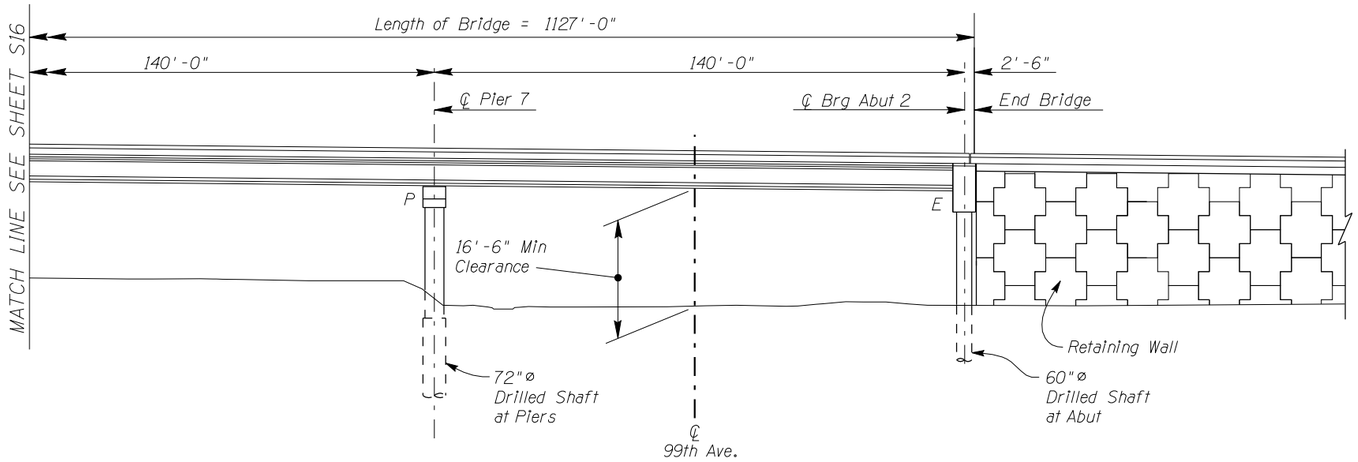
SHEET S16

TRACS NO. 0000 MA MMA SS593 01C

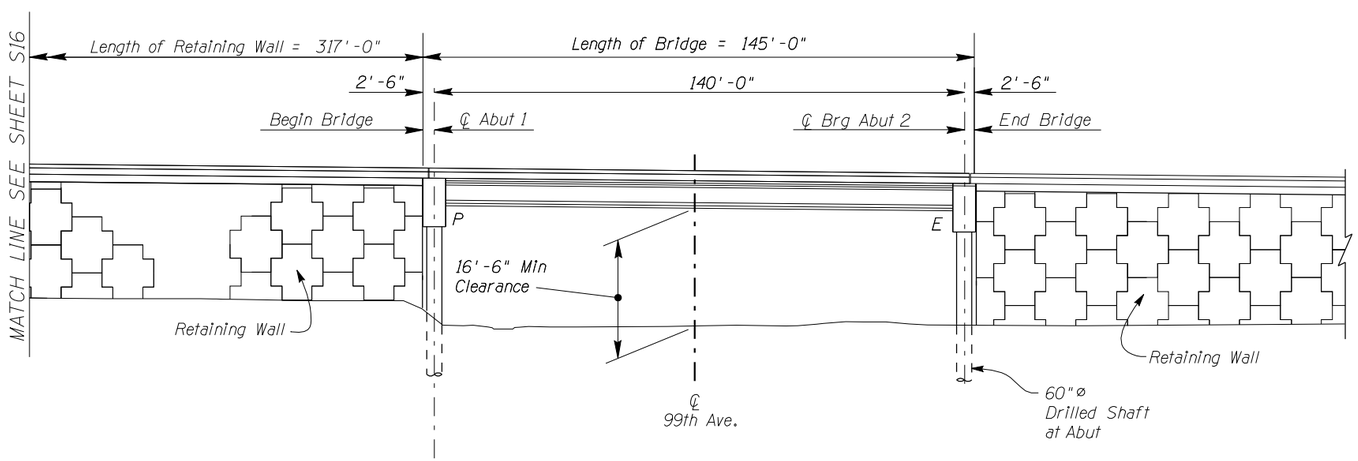
English

2/6/2008 3:26:28 PM
P:\City_of_Glendale\Northern\DCR30\cadd\Structures\T7108NewRiverBP_5of7.dgn

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



WESTBOUND ELEVATION - 3



EASTBOUND ELEVATION - 3

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE OVERPASS (6 of 7)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE (6 OF 7)

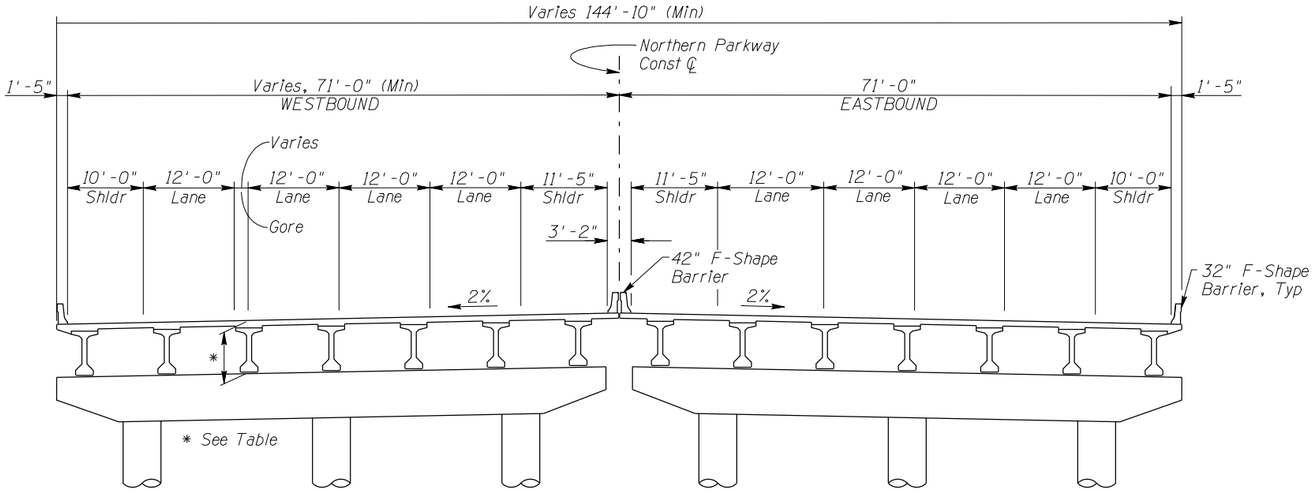
SHEET
S17

TRACS NO. 0000 MA MMA SS593 01C

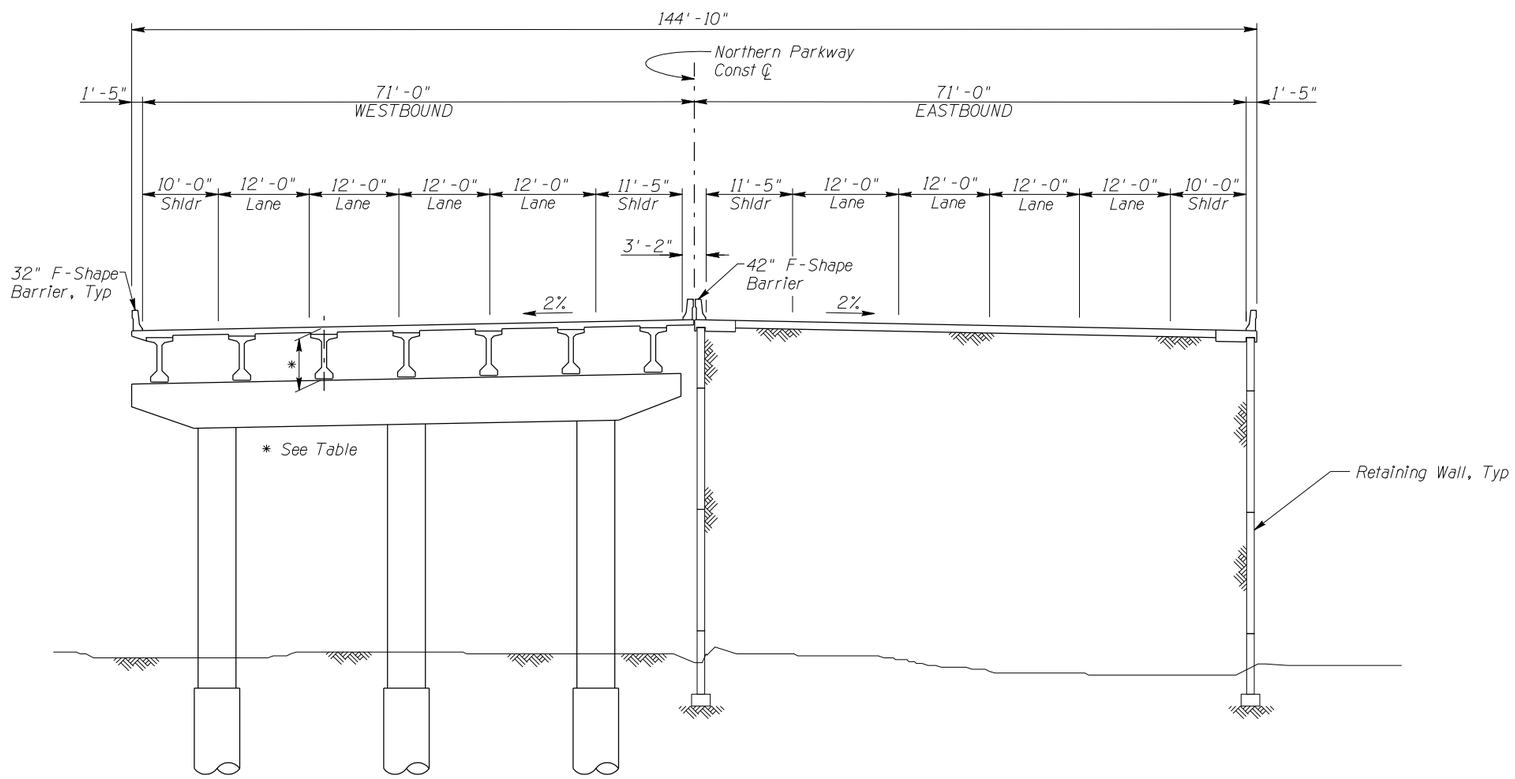
English

2/6/2008 3:27:19 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T108NewRiverBP_6of7.dgn

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



TYPICAL SECTION - 1



TYPICAL SECTION - 2

WESTBOUND BRIDGE			
CROSSING	SPAN	STRUCTURE DEPTH	GIRDER TYPE
New River	1	6'-10"±	Type VI
	2	6'-10"±	Type VI
	3	6'-10"±	Type VI
EB Northern Ave	4	6'-10"±	Type VI
	5	7'-4"±	Type VI-S
	6	7'-4"±	Type VI-S
	7	6'-10"±	Type VI
99th Ave	8	6'-10"±	Type VI

EASTBOUND BRIDGES			
CROSSING	SPAN	STRUCTURE DEPTH	GIRDER TYPE
New River	1	6'-10"±	Type VI
	2	6'-10"±	Type VI
	3	6'-10"±	Type VI
EB Northern Ave	4	6'-10"±	Type VI
	5	6'-10"±	Type VI
Retaining Wall			
99th Ave	1	6'-10"±	Type VI

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE OVERPASS (7 of 7)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
NEW RIVER/EB NORTHERN AVE/99TH AVE (7 OF 7)

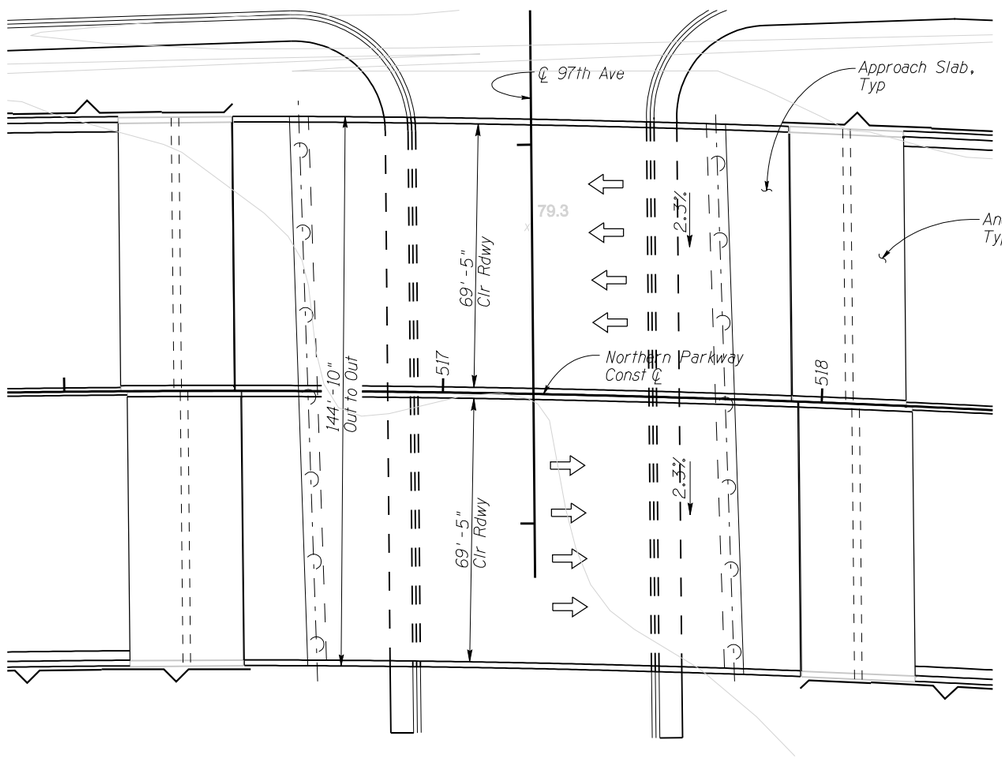
SHEET S18

TRACS NO. 0000 MA MMA SS593 01C

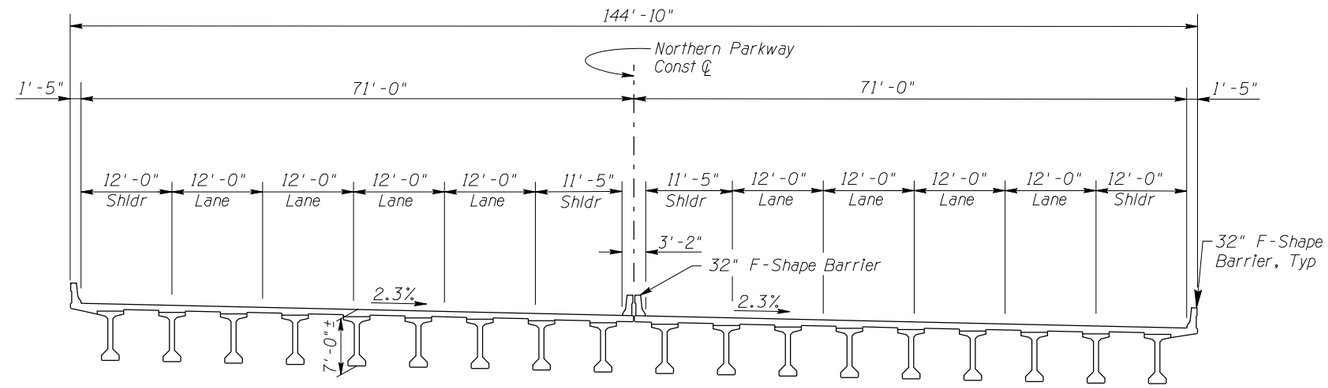
English

2/6/2008 3:28:08 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108NewRiverBP_7of7.dgn

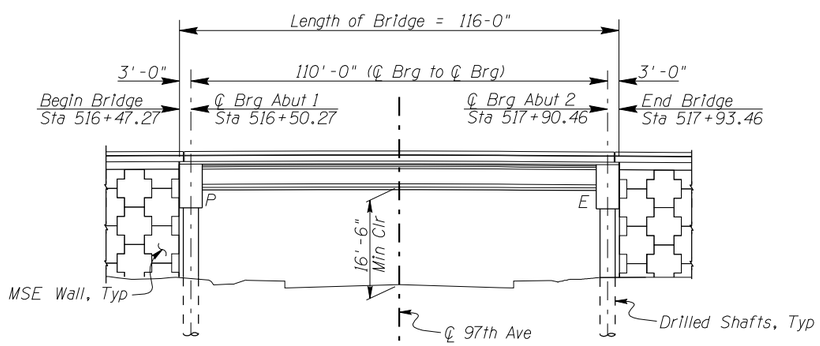
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX



LOCATION PLAN
New Single Span AASHTO Type VI Girder Bridge



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS

97TH AVENUE OVERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
97TH AVENUE OVERPASS

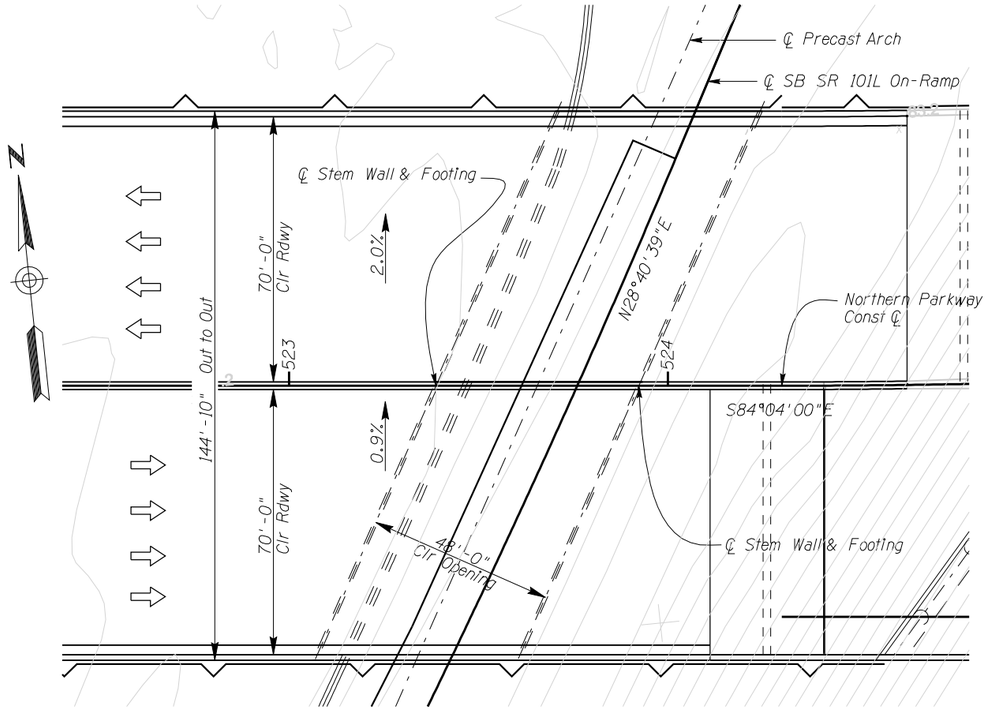
SHEET S19

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 2:52:47 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T1108_97thAve.dgn

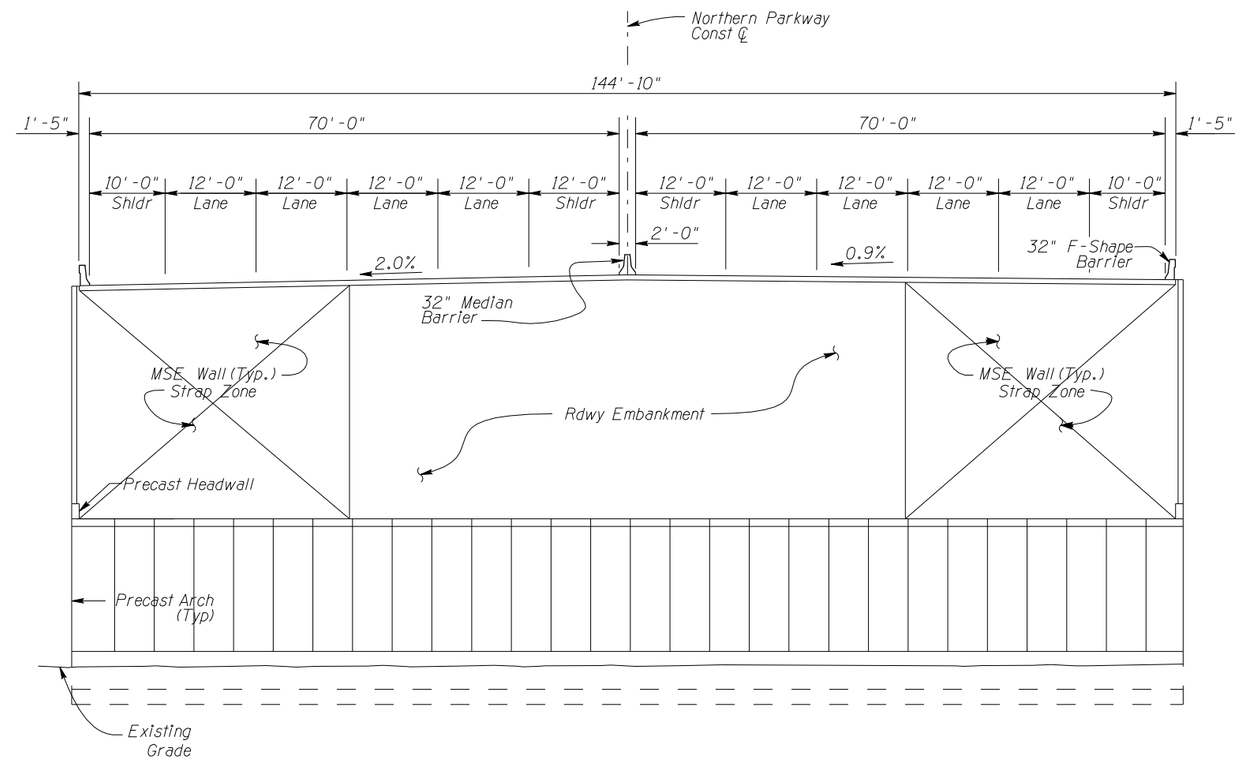
English

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

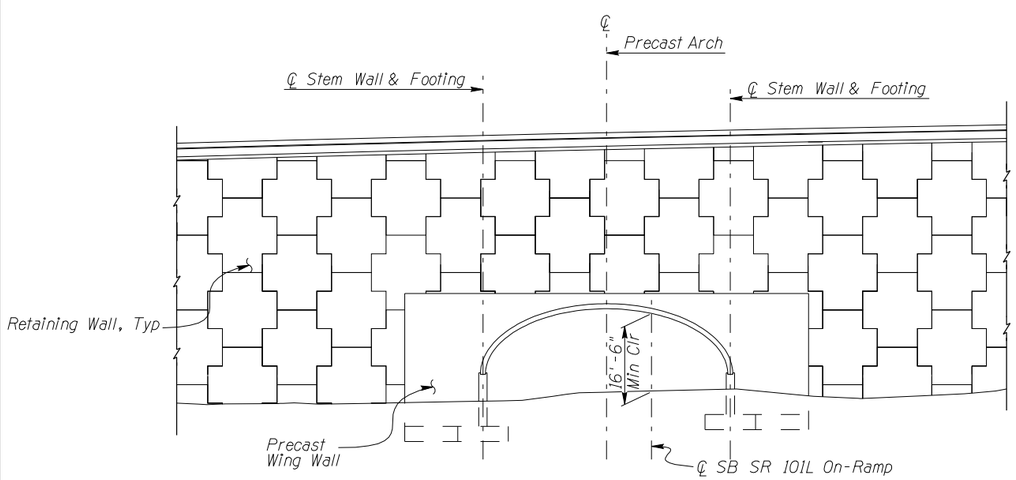


LOCATION PLAN

New Precast Concrete Arch



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS

SB SR 101L ON-RAMP OVERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	N. ALKARAGHOULI	1/08
DRAWN	D. MARSALONE	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
SB SR 101L ON-RAMP OVERPASS

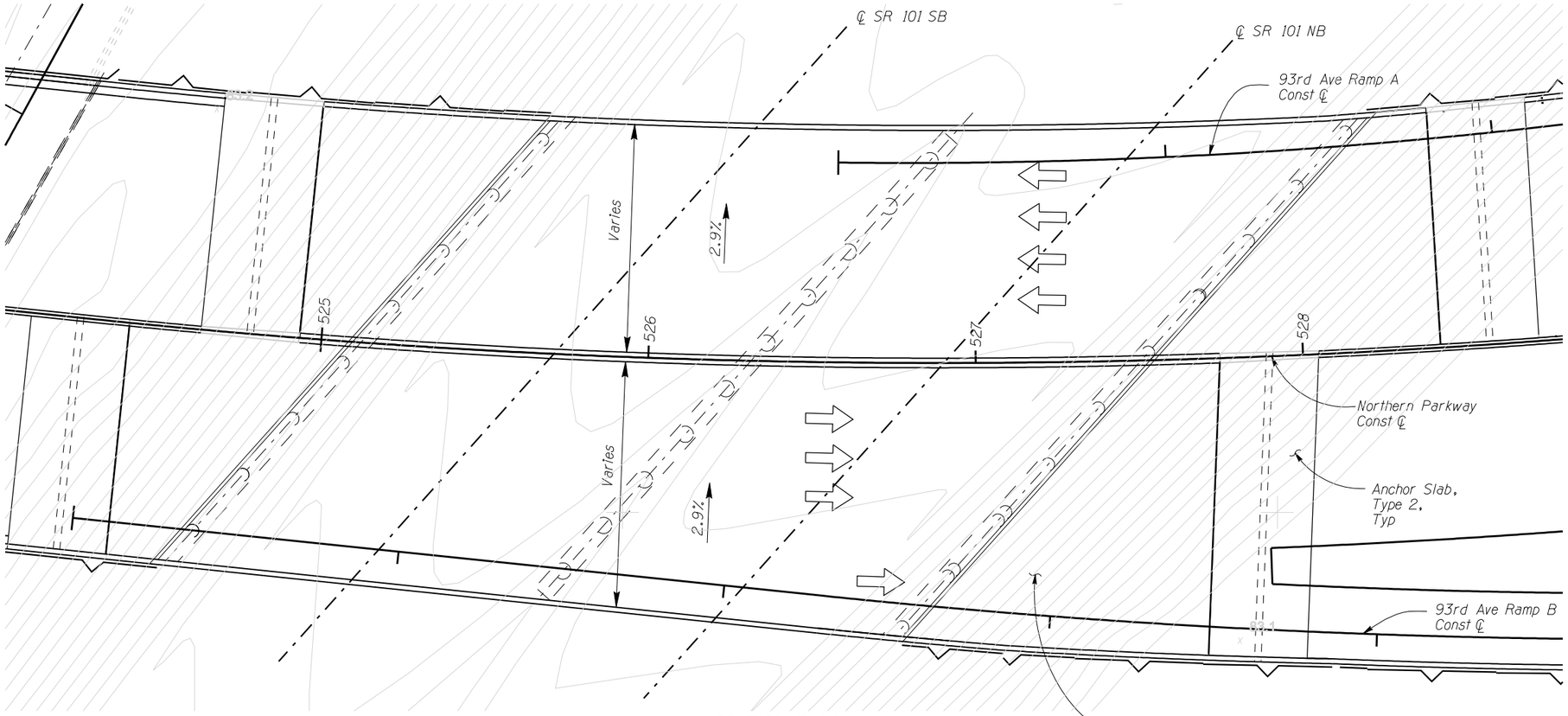
SHEET S20

TRACS NO. 0000 MA MMA SS593 01C

English

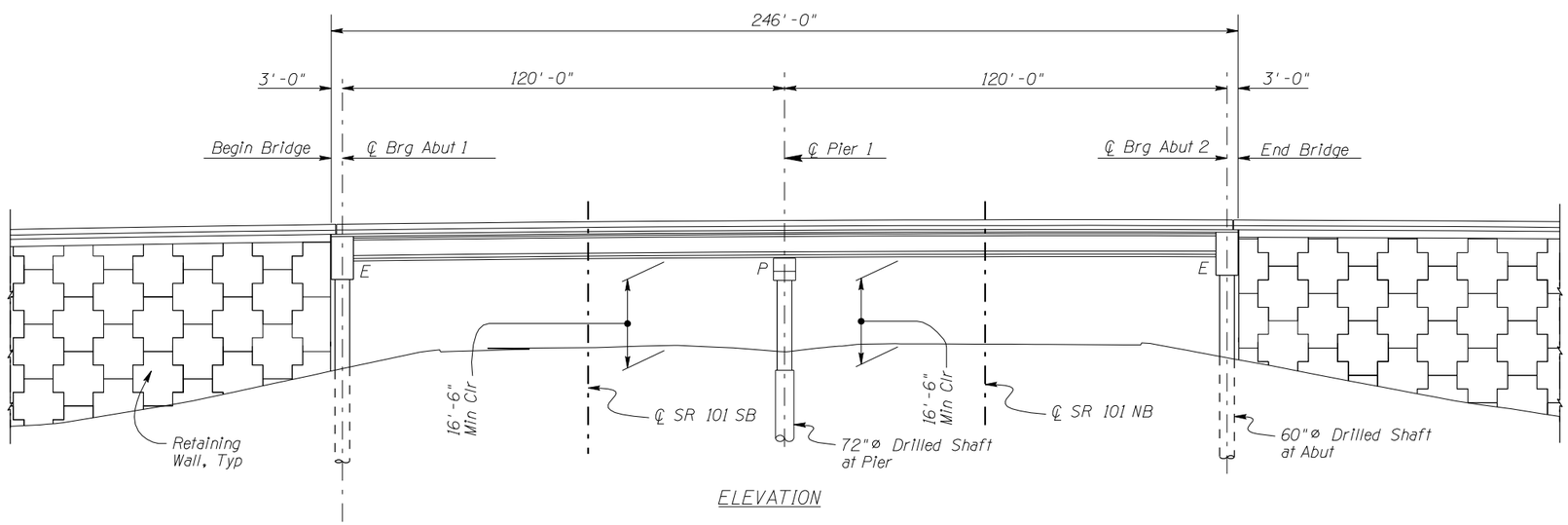
2/6/2008 3:14:50 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108LOOP101_ON-ramp_OP.dgn

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



LOCATION PLAN

New Two Span AASHTO Type VI Girder Bridge



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS

SR 101L OVERPASS (1 of 2)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	D. MARSALONE	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
SR 101L OVERPASS (1 of 2)

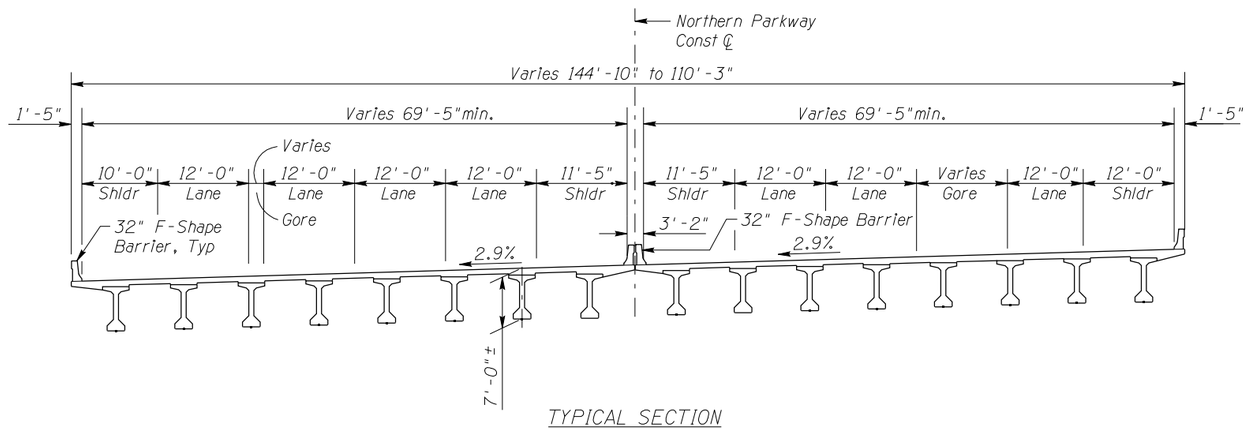
SHEET
S21

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 3:13:10 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T110BLOOPI01_1of2.dgn

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



TYPICAL SECTION

PRELIMINARY STRUCTURE CONCEPTS

SR 101L OVERPASS (2 of 2)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	D. MARSALONE	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
SR 101L OVERPASS (2 of 2)

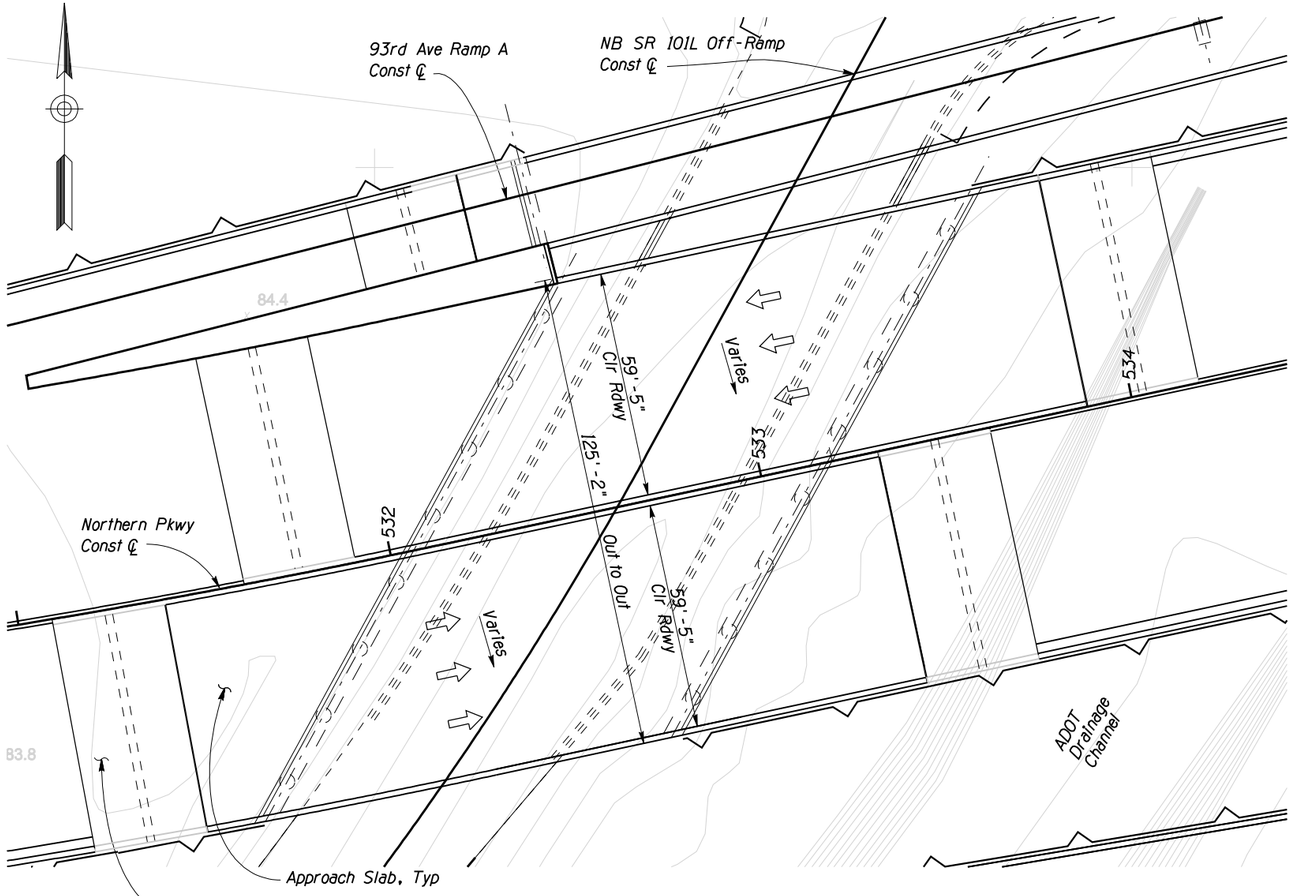
SHEET S22

TRACS NO. 0000 MA MMA SS593 01C

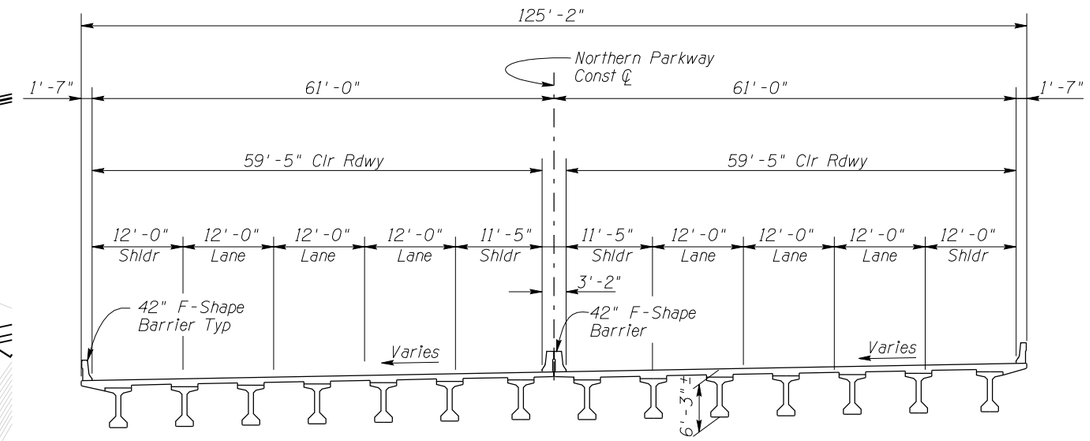
2/6/2008 3:13:52 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T108L00P01_2of2.dgn

English

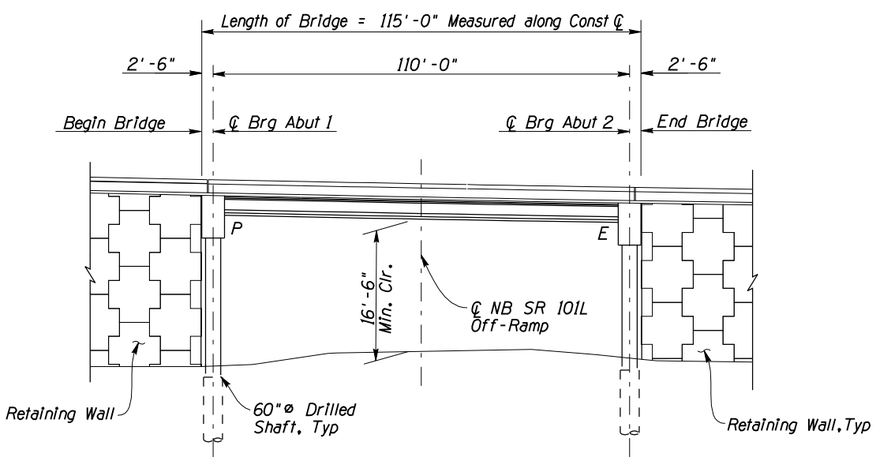
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX



LOCATION PLAN
New Single Span AASHTO Type V
Girder Bridge



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS
NB SR101L OFF-RAMP OVERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

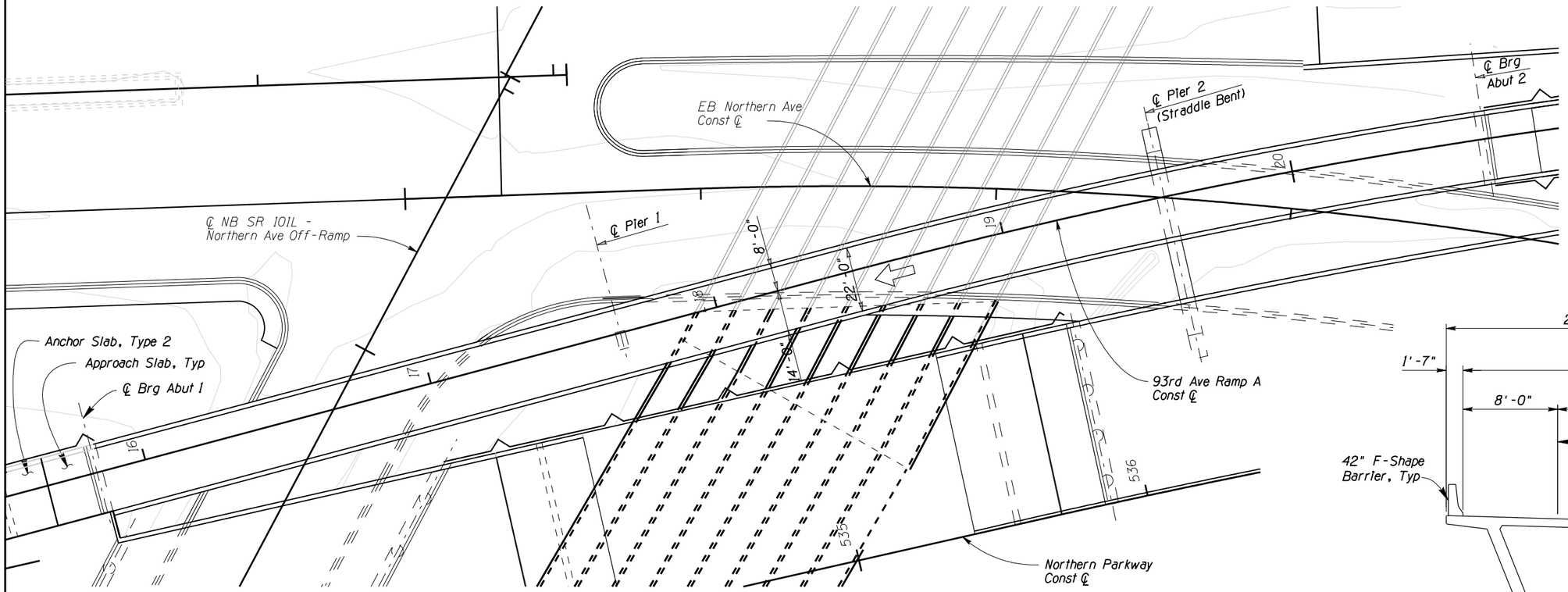
PRELIMINARY STRUCTURE CONCEPTS
NB SR101L OFF-RAMP OVERPASS

SHEET
S23

TRACS NO. 0000 MA MMA SS593 01C

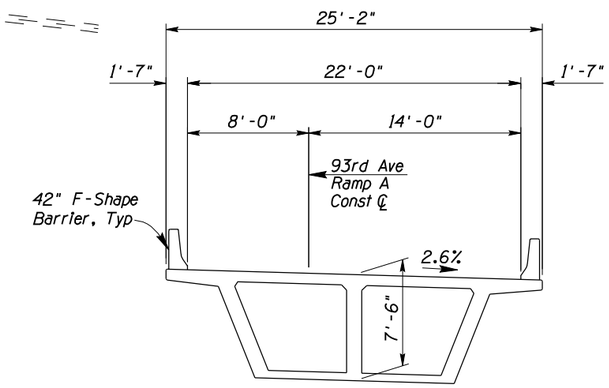
2/6/2008 2:54:20 PM
P:\City_of_Glendale\Northern\DCR30\cadd\Structures\T1108_NB_101L_RAMP_OP.dgn

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

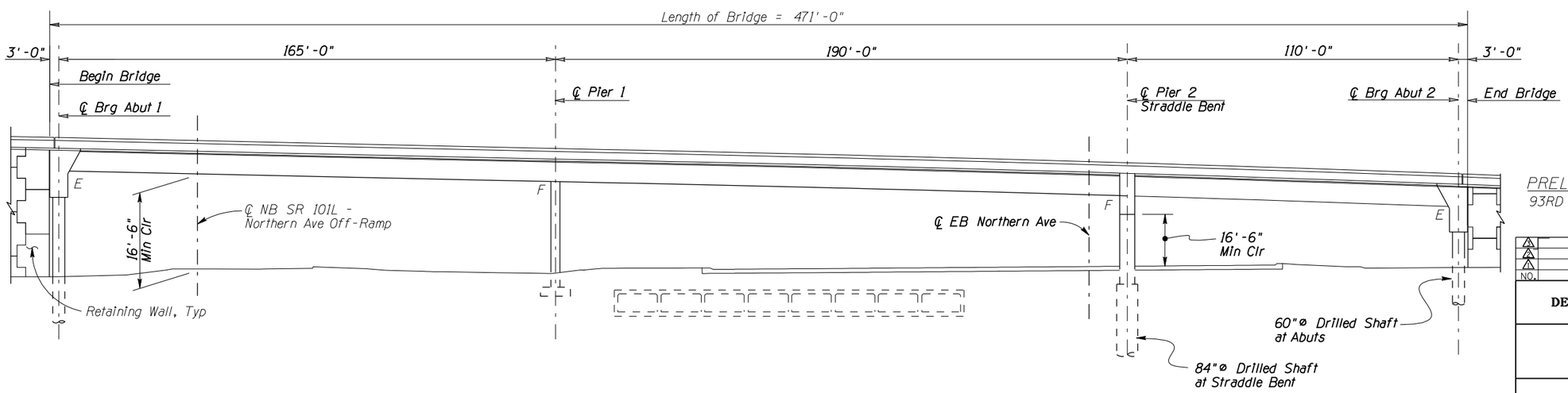


LOCATION PLAN

New Three Span Cast-In-Place Post-Tensioned
Box Girder Bridge



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS
93RD AVENUE RAMP A

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
93RD AVE RAMP A

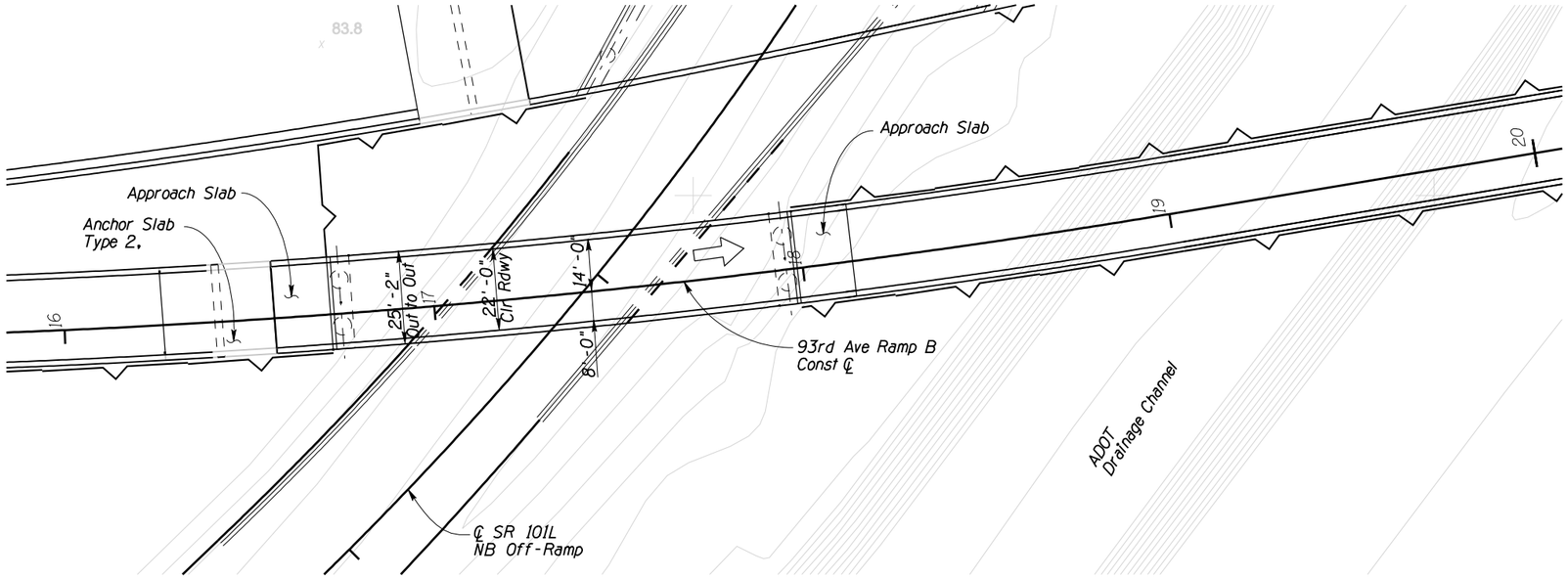
SHEET
S24

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 2:51:27 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T1108_93rdAve_wb_onrampdgn

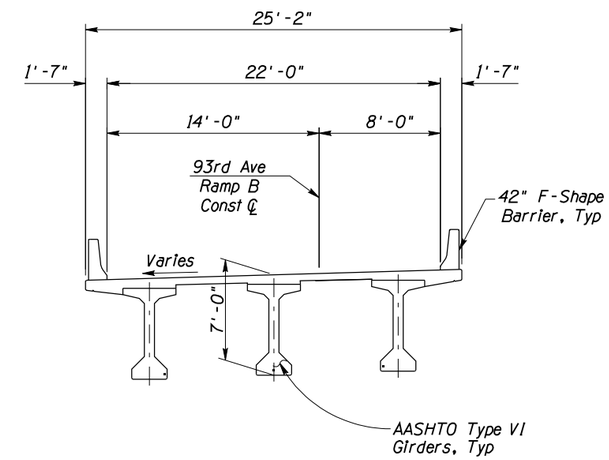
English

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

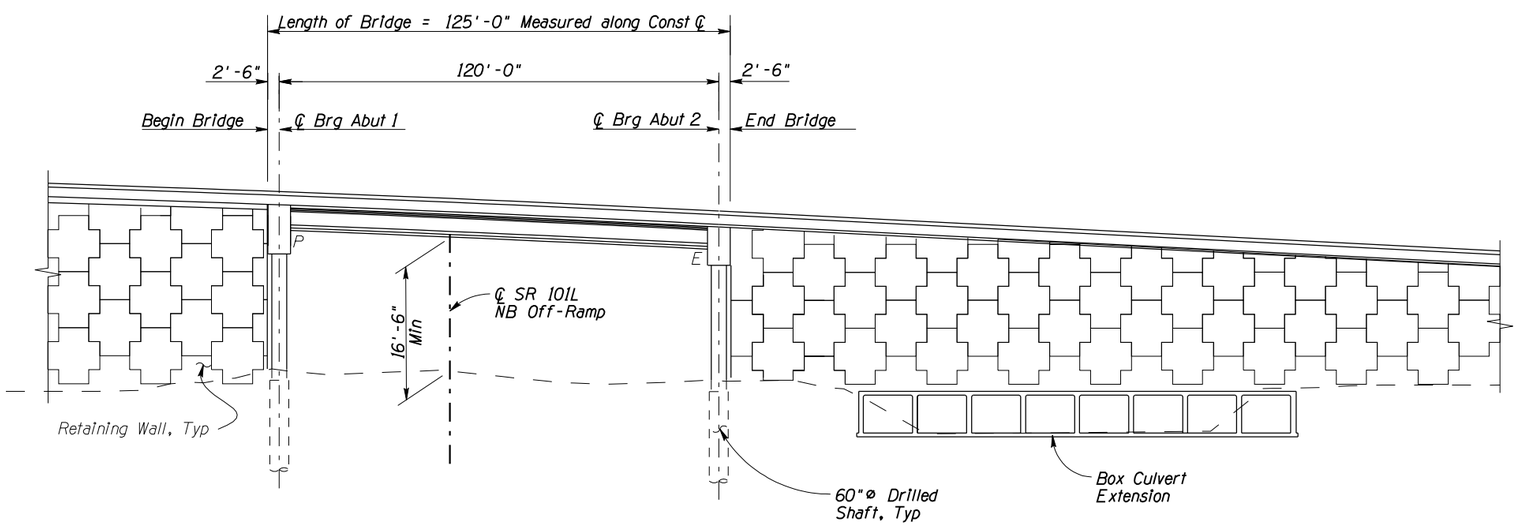


LOCATION PLAN

New Single Span AASHTO Type VI
Girder Bridge



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS

93RD AVENUE RAMP B

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
93RD AVENUE RAMP B

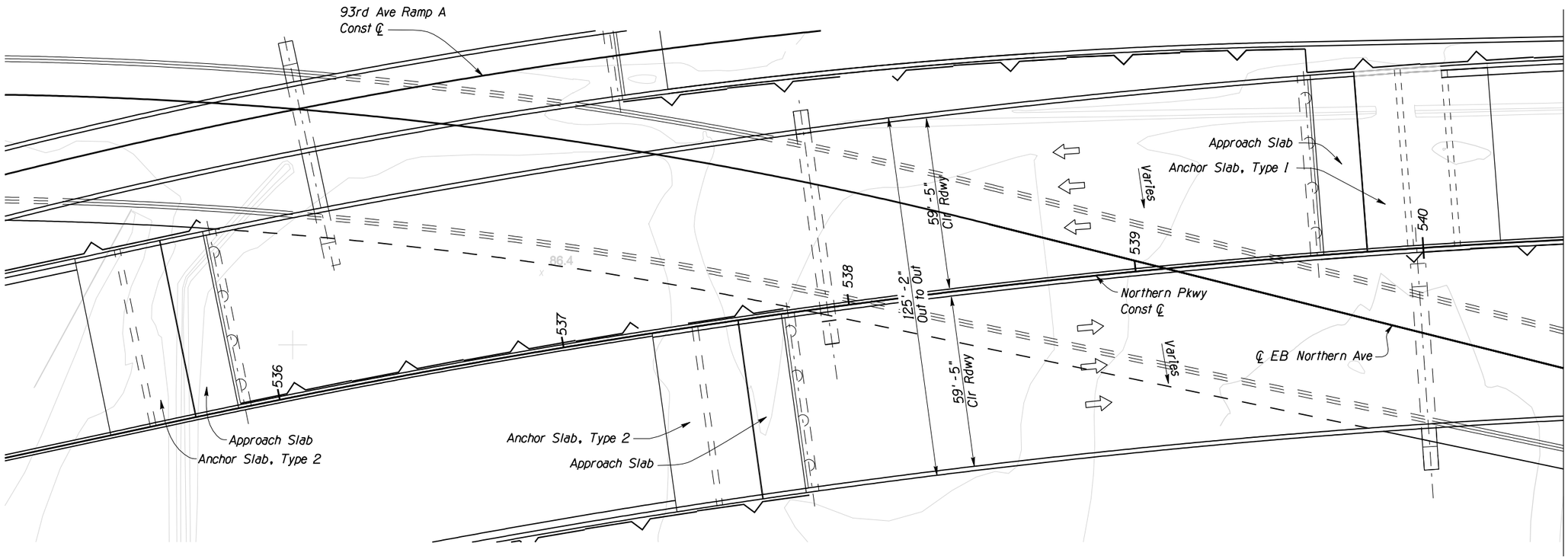
SHEET
S25

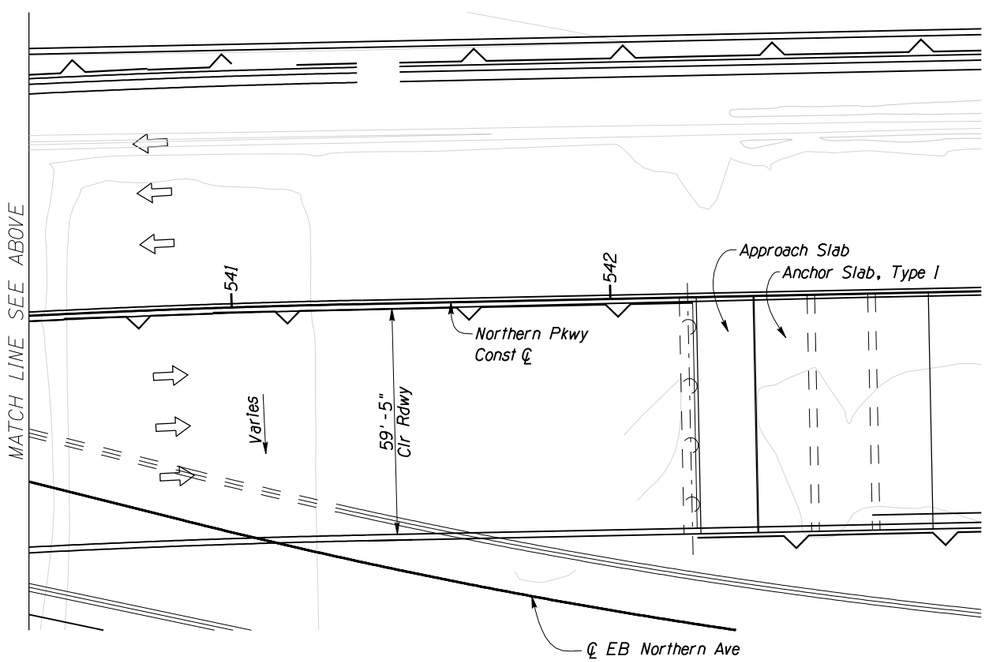
TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 2:50:15 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT08_93rdAve_eb_offramp.dgn

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





LOCATION PLAN

New Two Span Cast-in-Place Post-Tensioned
Box Girder Bridge

PRELIMINARY STRUCTURE CONCEPTS
EB NORTHERN AVE OVERPASS 1 OF 3

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
EB NORTHERN AVE OVERPASS 1 OF 3

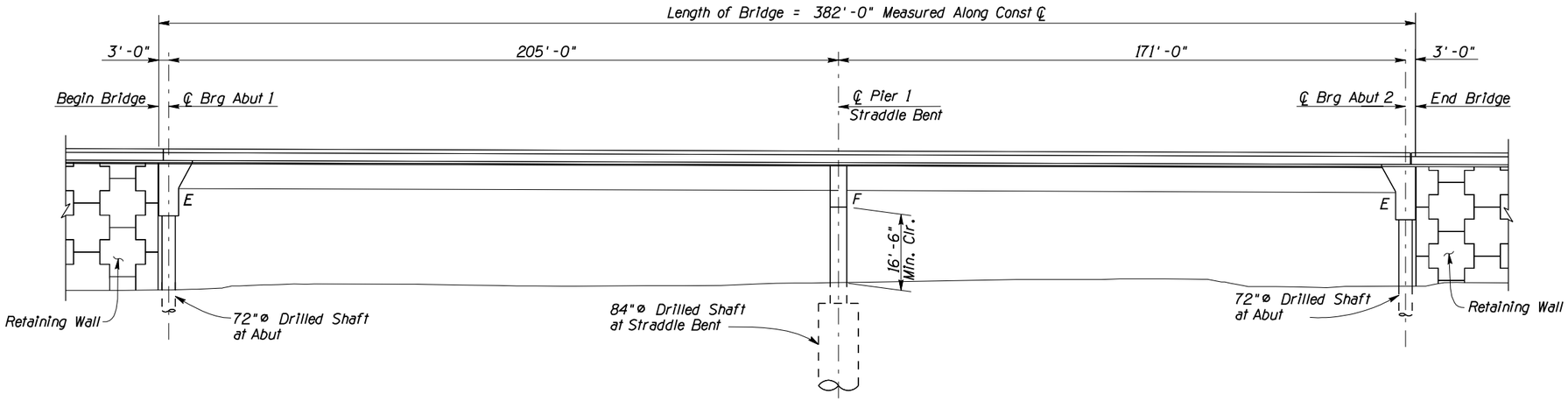
SHEET
S26

TRACS NO. 0000 MA MMA SS593 01C

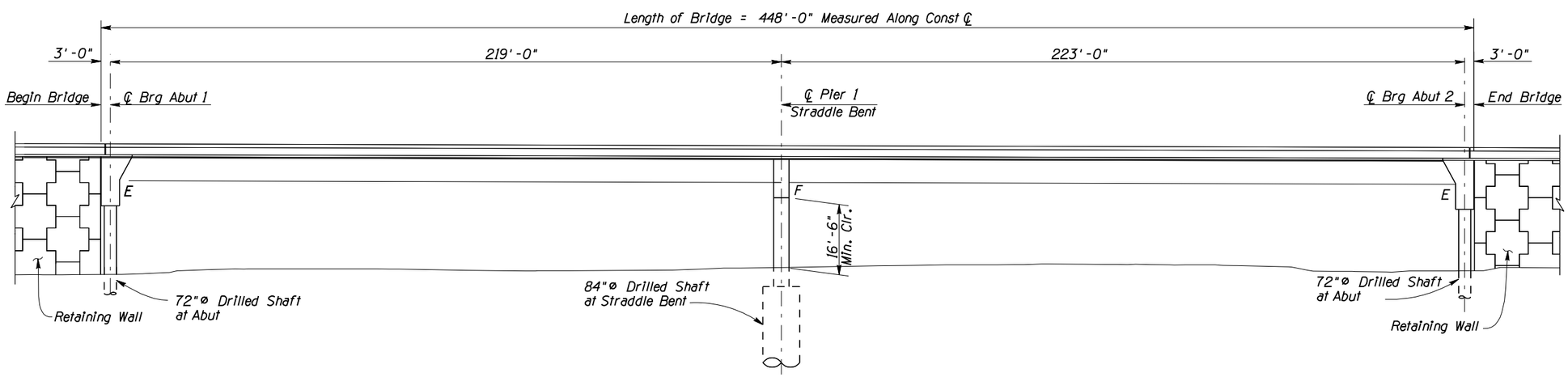
English

2/6/2008 2:33:22 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T1108_93rd_EB_Northern_Ave_OP_1of3.dgn

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



WESTBOUND ELEVATION



EASTBOUND ELEVATION

PRELIMINARY STRUCTURE CONCEPTS
EB NORTHERN AVE OVERPASS 2 OF 3

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
EB NORTHERN AVE OVERPASS 2 OF 3

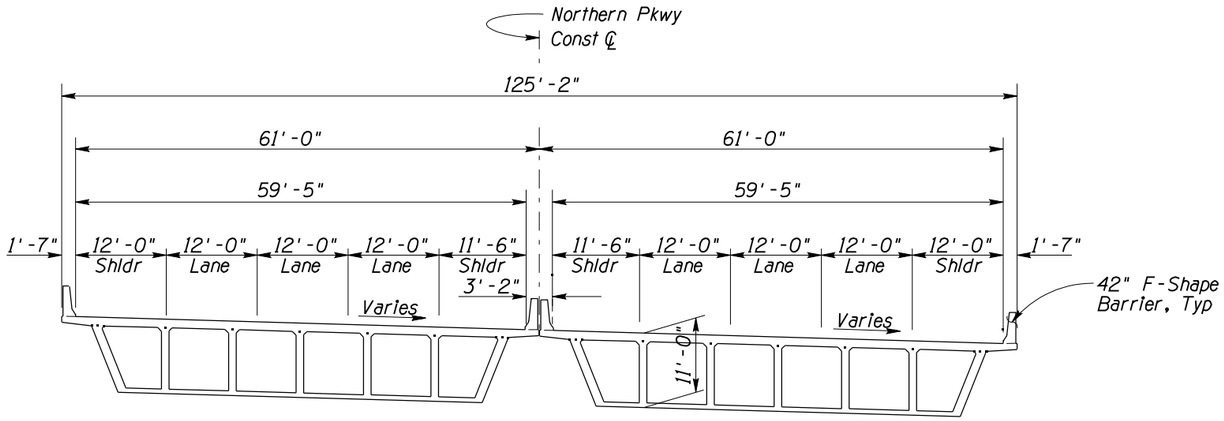
SHEET
S27

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 2:34:45 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T1108_93rd_EB_Northern_Ave_OP_2of3.dgn

English

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



TYPICAL SECTION

PRELIMINARY STRUCTURE CONCEPTS
EB NORTHERN AVE OVERPASS 3 OF 3

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
EB NORTHERN AVE OVERPASS 3 OF 3

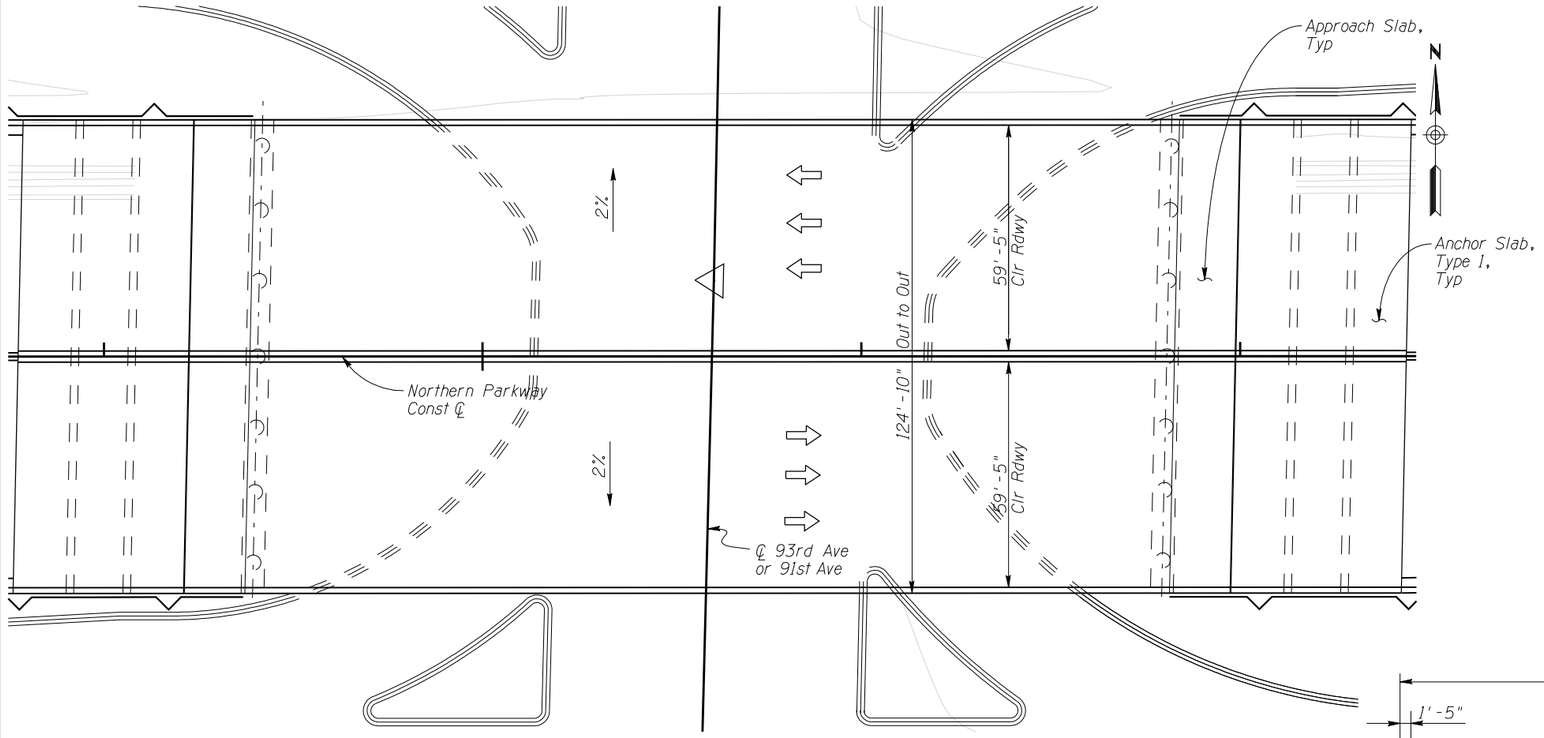
SHEET S28

TRACS NO. 0000 MA MMA SS593 01C

English

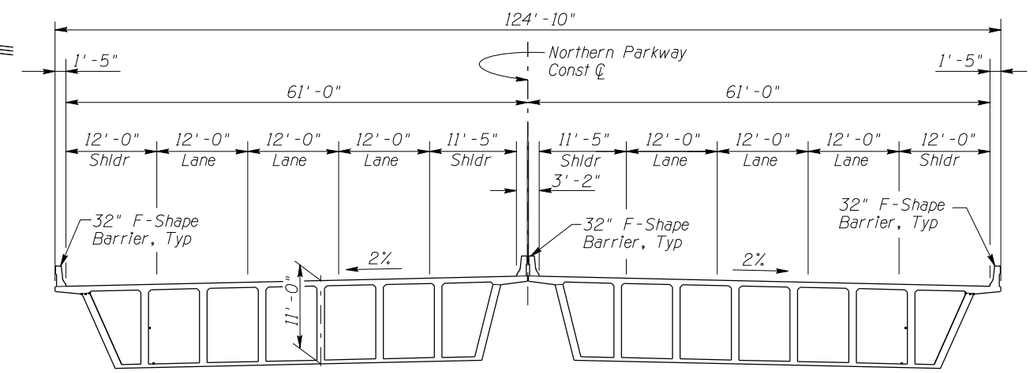
2/6/2008 2:47:9 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108_93rd_EB_Northern_Ave_OP_3of3.dgn

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

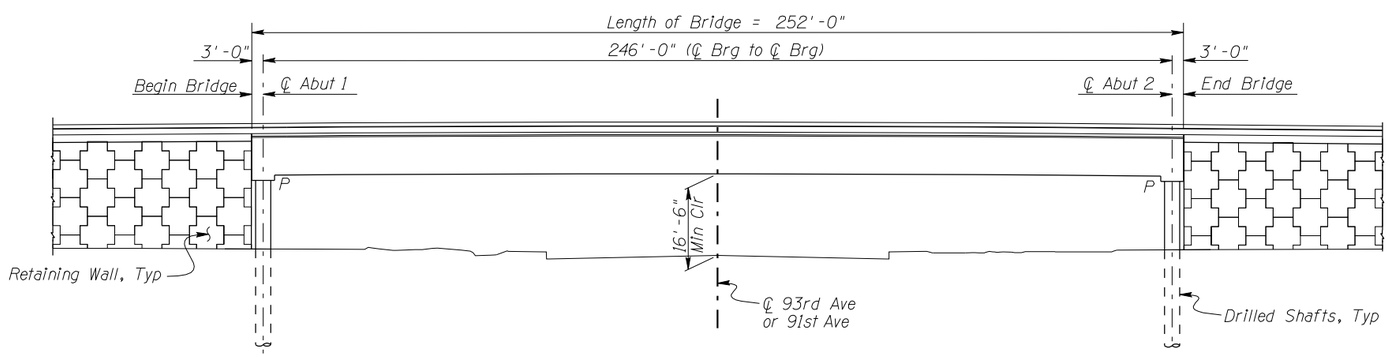


LOCATION PLAN

New Single Span Cast-in-Place Post-Tensioned Box Girder Bridge



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS

93rd AVENUE OVERPASS

91st AVENUE OVERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
93RD & 91ST AVENUES

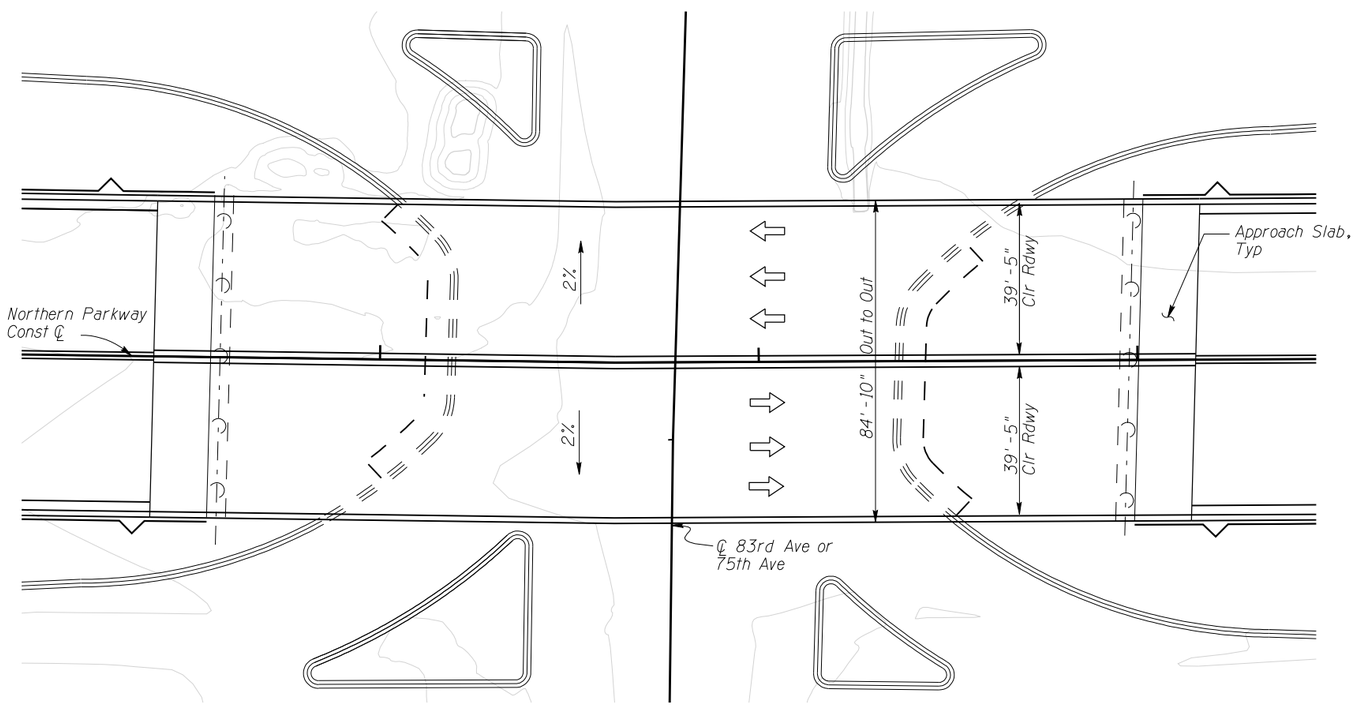
SHEET S29

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 2:49:41 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108_93rdAve.dgn

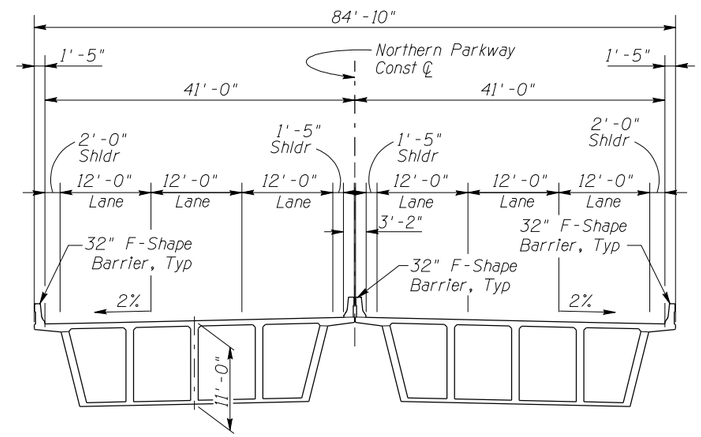
English

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

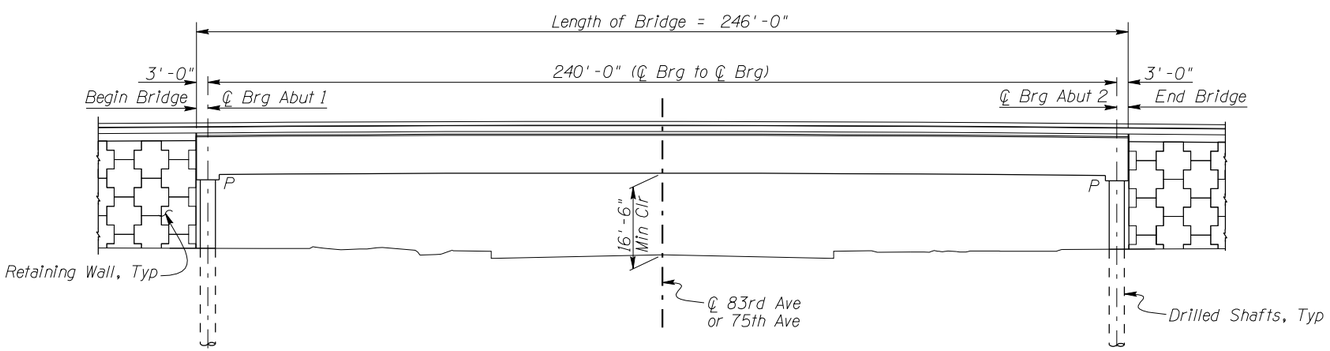


LOCATION PLAN

New Single Span Cast-in-Place Post-Tensioned
Box Girder Bridge



TYPICAL SECTION



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS

83rd AVENUE OVERPASS
75th AVENUE OVERPASS

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
83RD & 75TH AVENUES

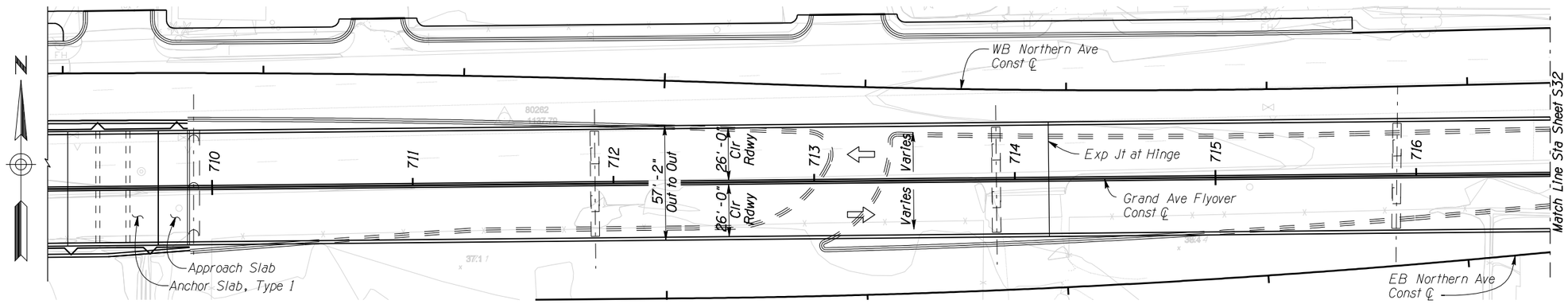
SHEET
S30

TRACS NO. 0000 MA MMA SS593 OIC

English

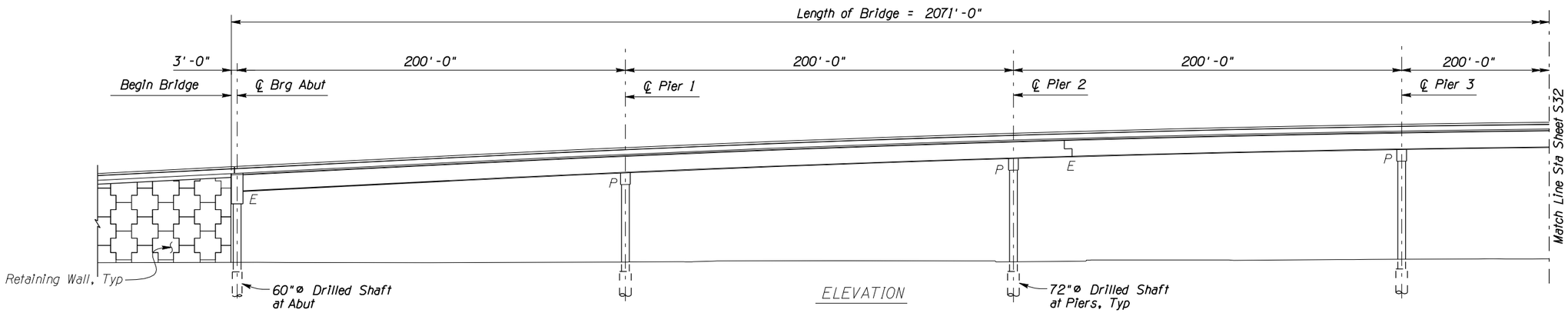
2/6/2008 2:21:58 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108_83rd_&_75thAve_OP.dgn

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

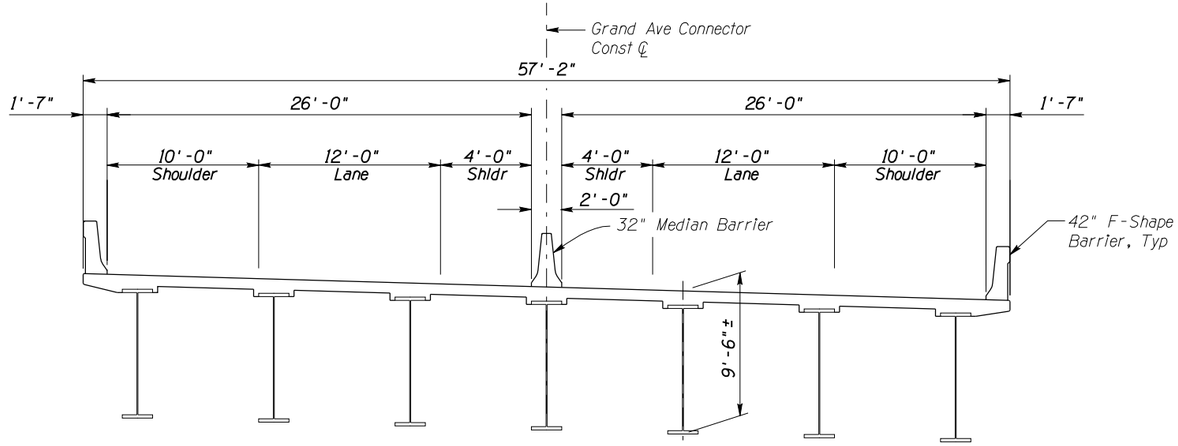


LOCATION PLAN

New Ten Span
Steel Plate Girder Bridge



ELEVATION



TYPICAL SECTION

PRELIMINARY STRUCTURE CONCEPTS
GRAND AVENUE FLYOVER (1 OF 3)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
GRAND AVENUE FLYOVER (1 OF 3)

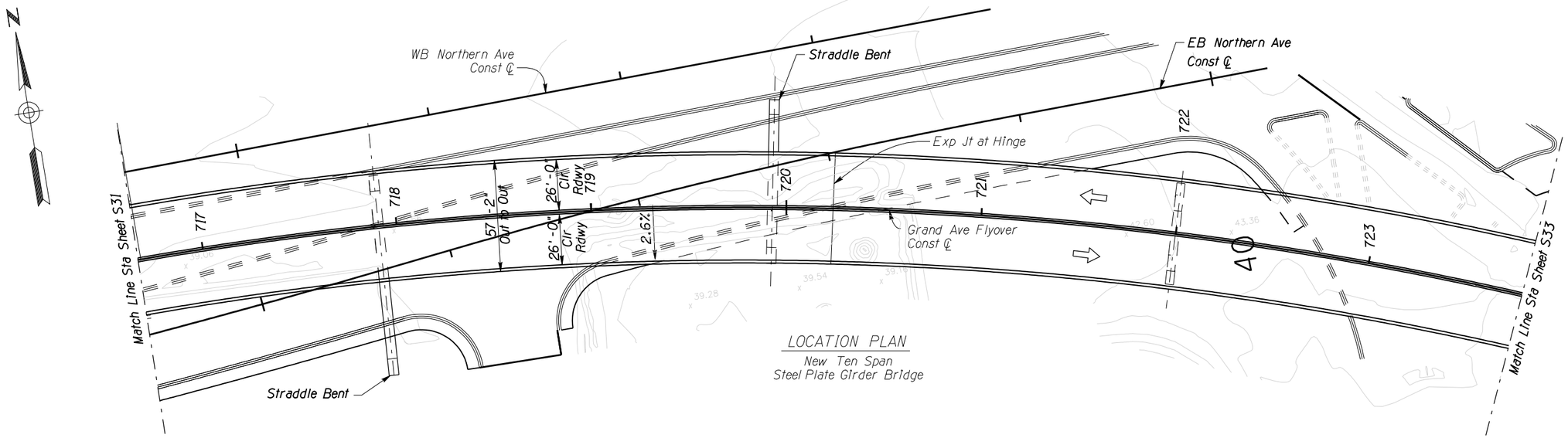
SHEET
S31

TRACS NO. 0000 MA MMA SS593 01C

English

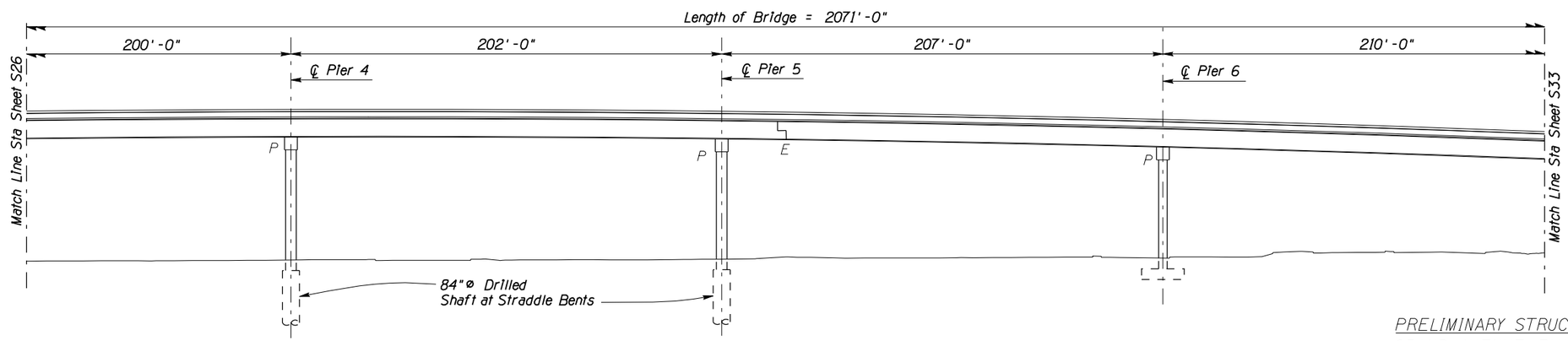
2/6/2008 2:55:25 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T108_Northern-Grand_Ave_1of3.dgn

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



LOCATION PLAN

New Ten Span
Steel Plate Girder Bridge



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS
GRAND AVENUE FLYOVER (2 OF 3)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

PRELIMINARY STRUCTURE CONCEPTS
GRAND AVENUE FLYOVER (2 OF 3)

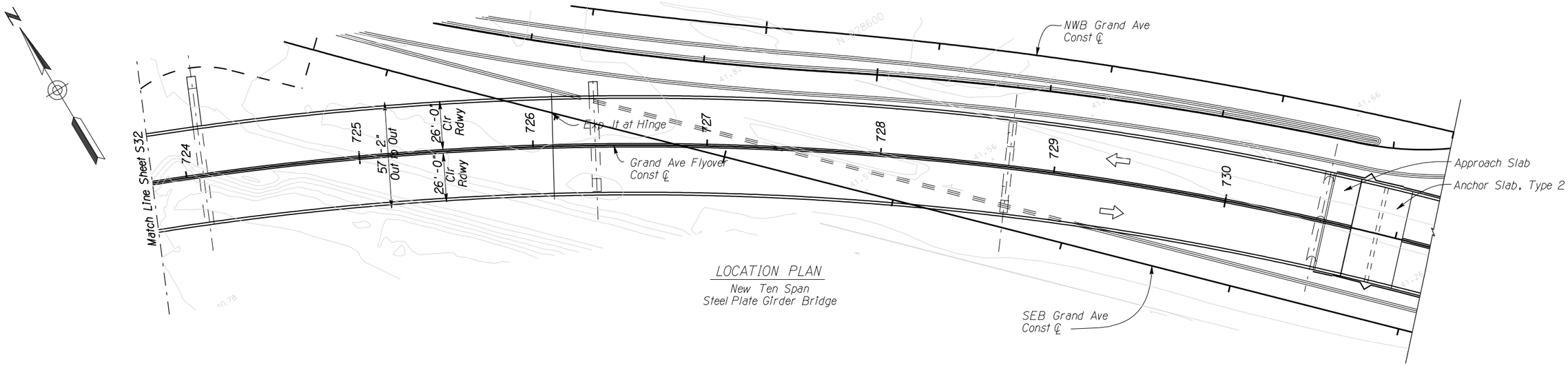
SHEET
S32

TRACS NO. 0000 MA MMA SS593 01C

English

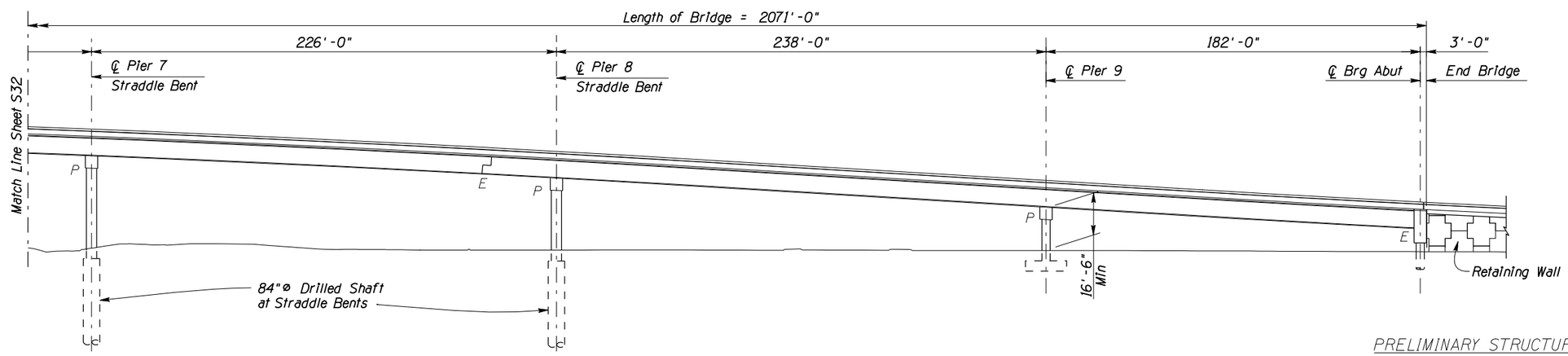
2/6/2008 2:56:03 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\T1108_Northern-Grand_Ave_2of3.dgn

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



LOCATION PLAN

New Ten Span
Steel Plate Girder Bridge



ELEVATION

PRELIMINARY STRUCTURE CONCEPTS
GRAND AVENUE FLYOVER (3 OF 3)

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 TO GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	K. RUFFENNACH	1/08
DRAWN	A. GONZALEZ	1/08
CHECKED	R. STUART	1/08

URS

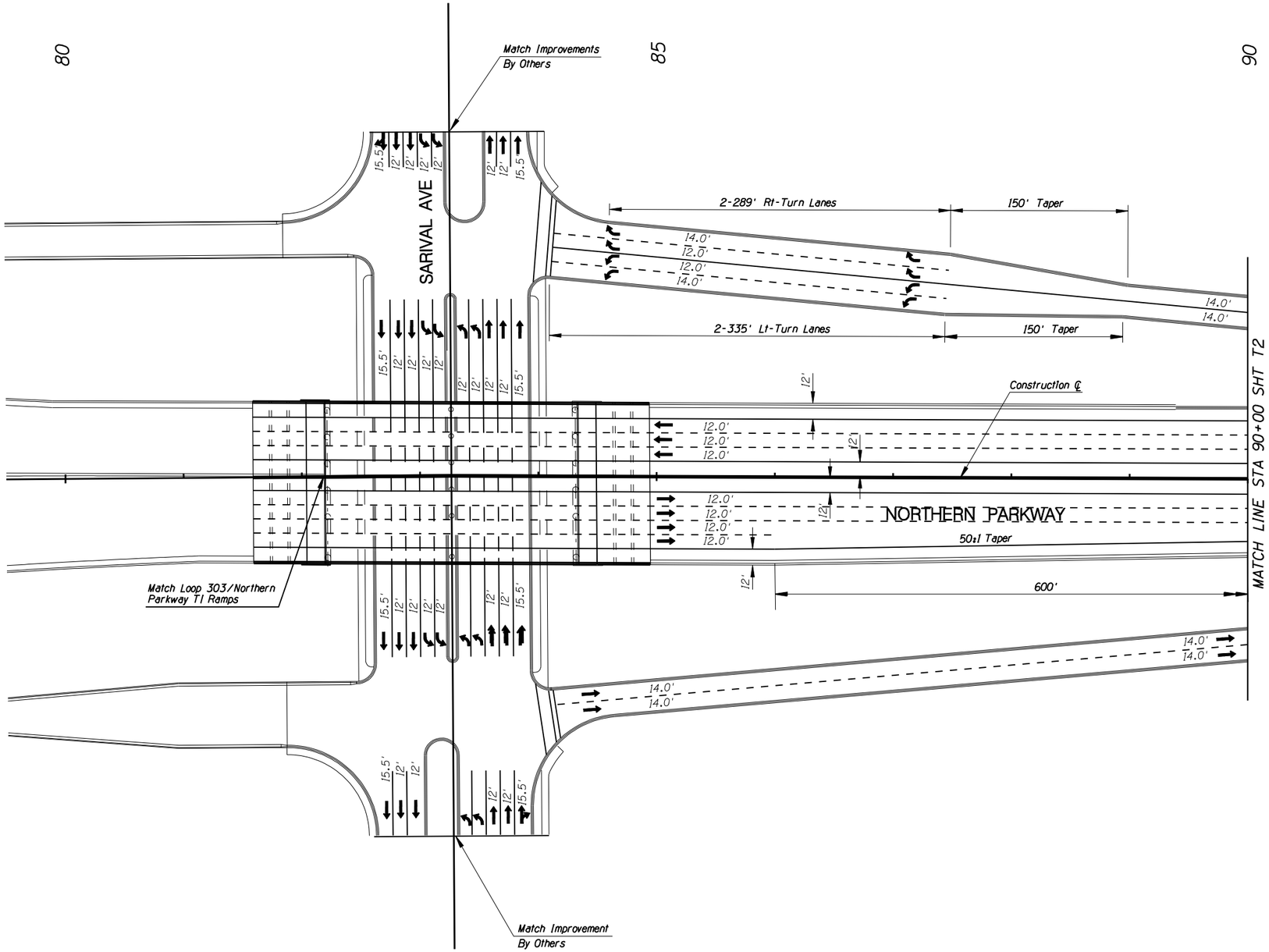
PRELIMINARY STRUCTURE CONCEPTS
GRAND AVENUE FLYOVER (3 OF 3)

SHEET
S33

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 3:01:59 PM
P:\City_of_Glendale\NorthernDCR30\cadd\Structures\TT108_Northern-Grand_Ave_3of3.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

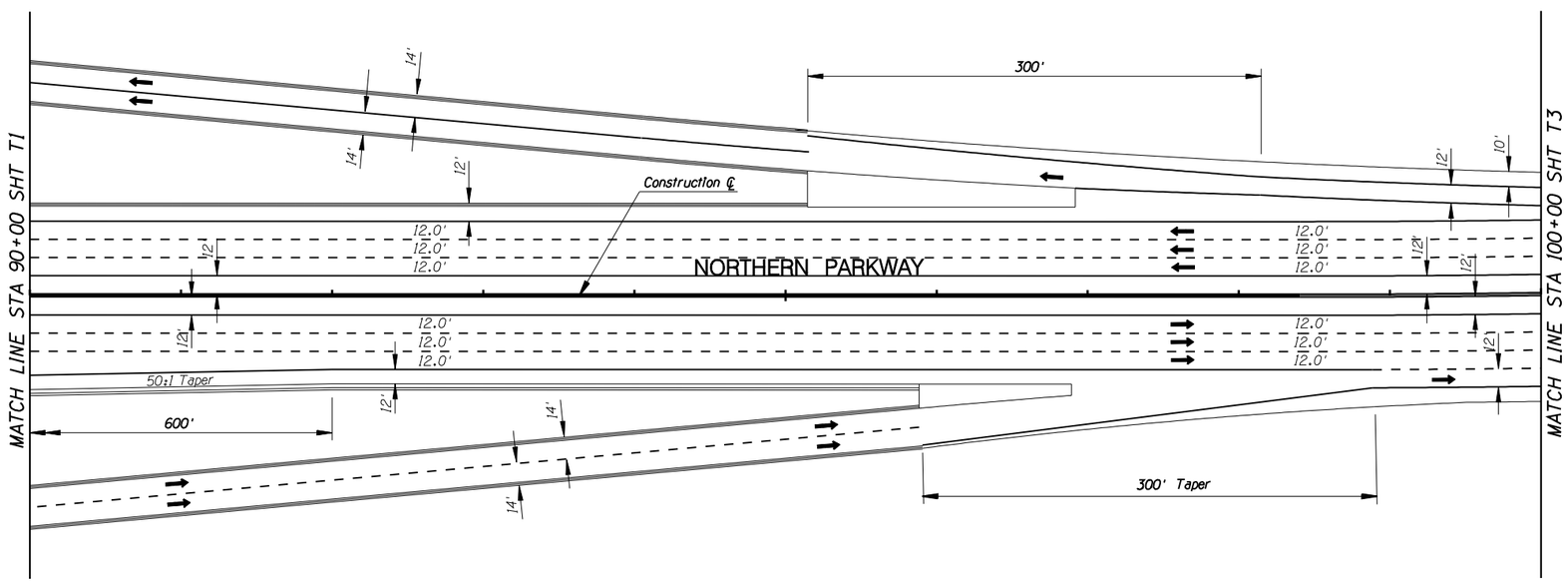
STRIPING PLAN
STA 80+00 TO STA 90+00

SHEET
TI

TRACS NO. 0000 MA MMA SS593 01C

English

5/29/2009 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway*CADD*Plans*Alternative 1*Striping*TT108tr02.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

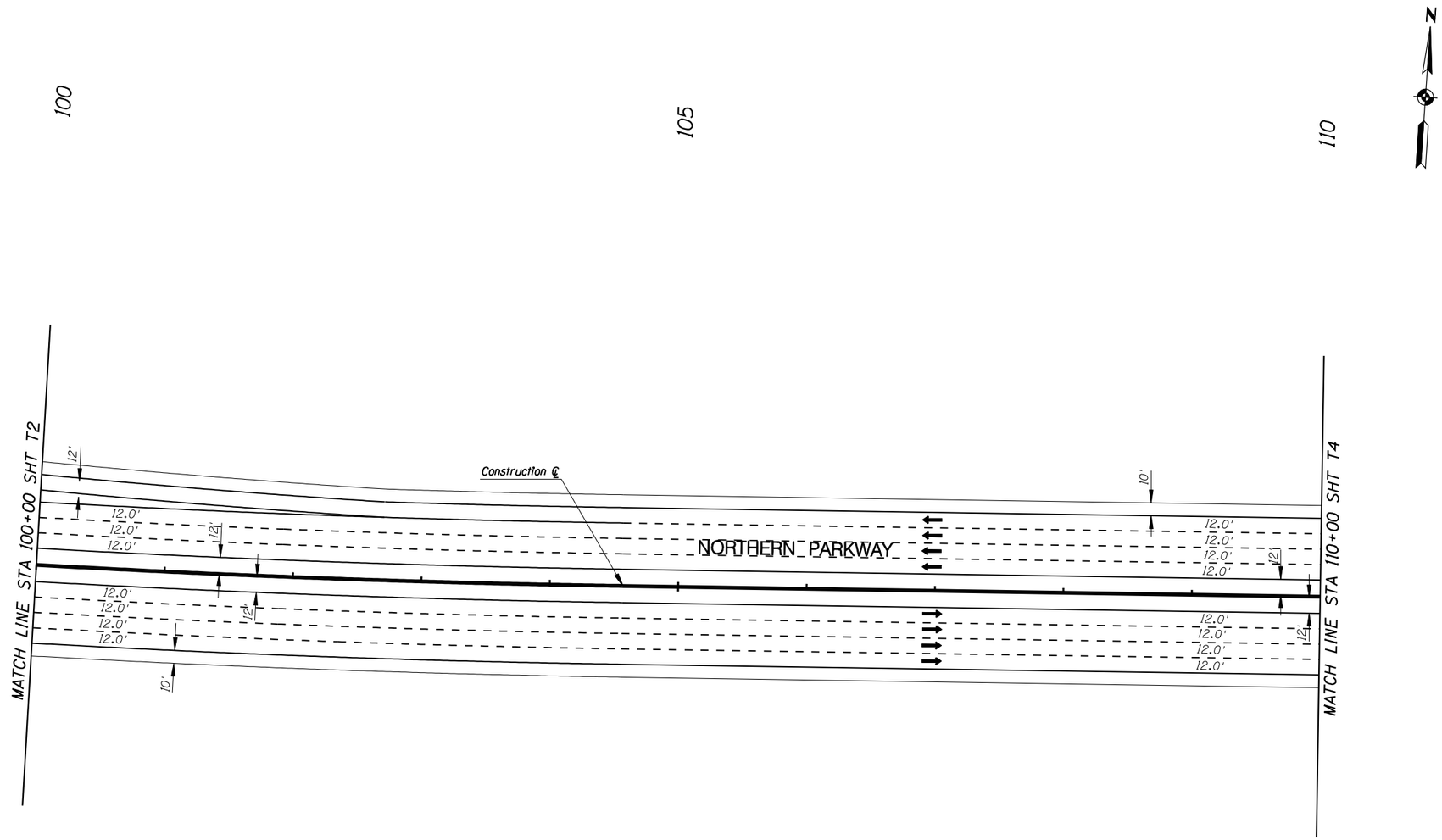
STRIPING PLAN
STA 90+00 TO STA 100+00

SHEET T2

TRACS NO. 0000 MA MMA SS593 01C

English

5/28/2009 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*Striping*TT108tr03.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

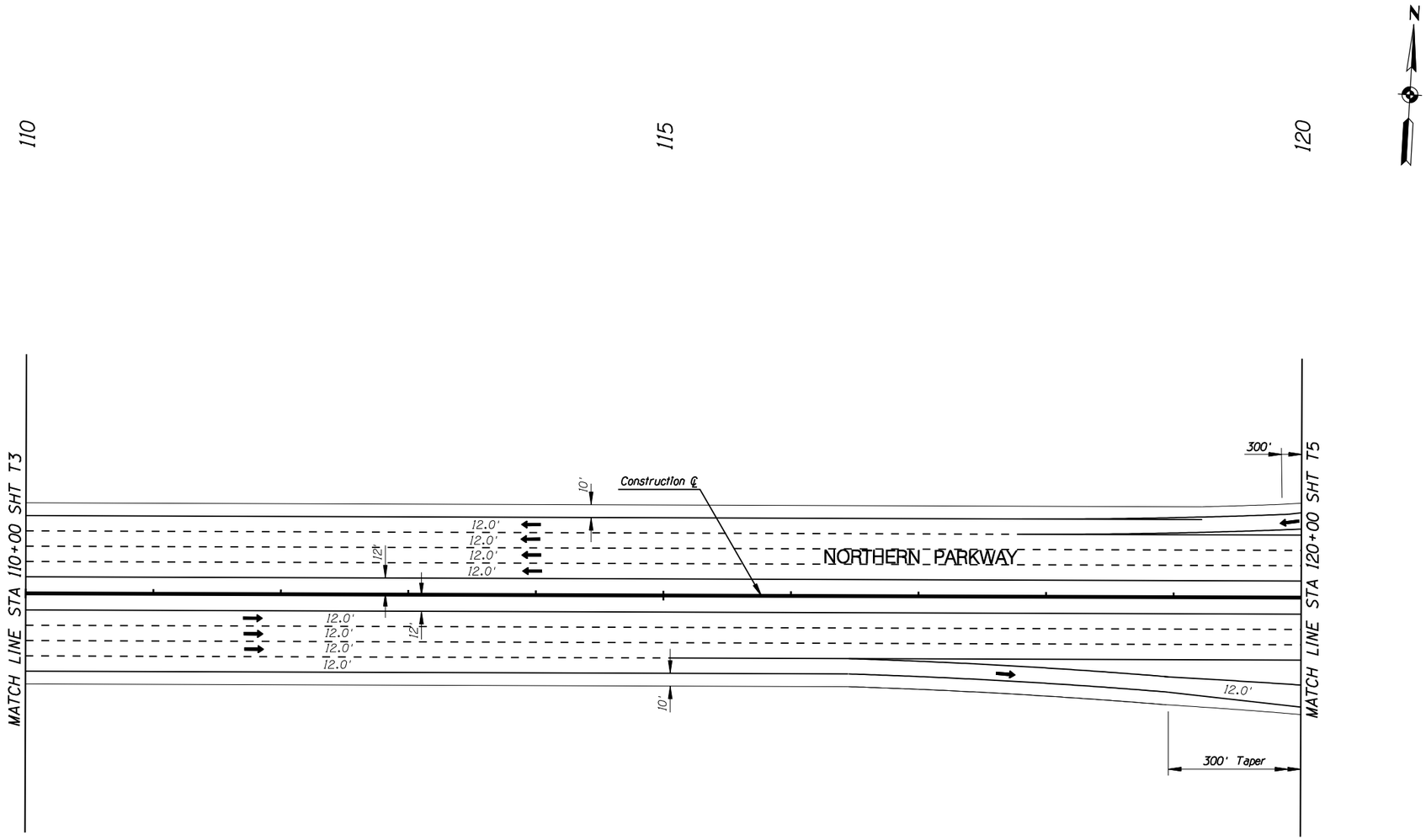
STRIPING PLAN
STA 100+00 TO STA 110+00

SHEET T3

TRACS NO. 0000 MA MMA SS593 OIC

English

5/28/2009 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*Striping*TT108tr04.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

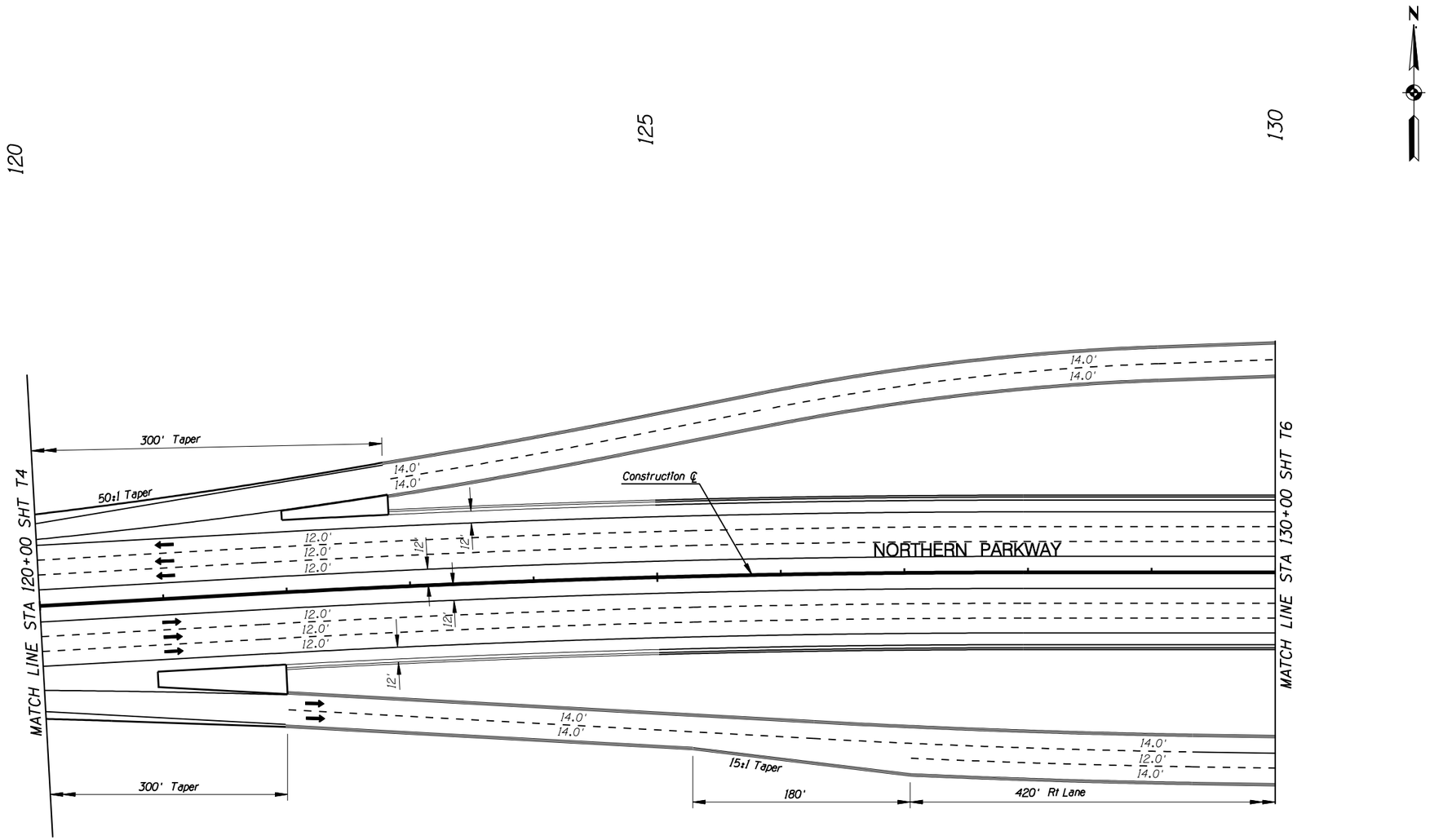
STRIPING PLAN
STA 110+00 TO STA 120+00

SHEET T4

TRACS NO. 0000 MA MMA SS593 01C

English

5/28/2009 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*Striping*TT108tr05.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

STRIPING PLAN
STA 120+00 TO STA 130+00

SHEET T5

TRACS NO. 0000 MA MMA SS593 01C

English

5/28/2009 $TIME$
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Striping\TT108tr06.dgn

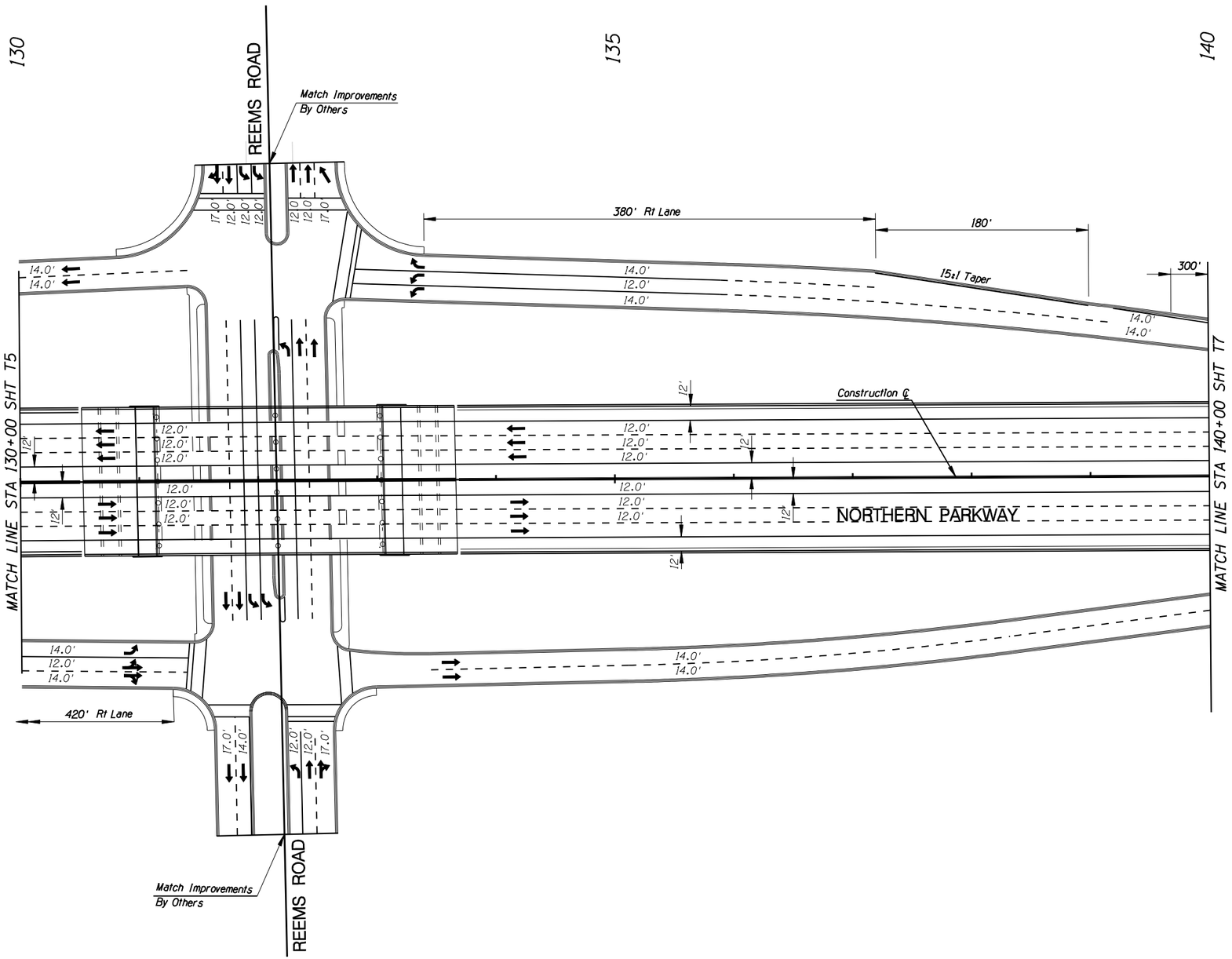
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

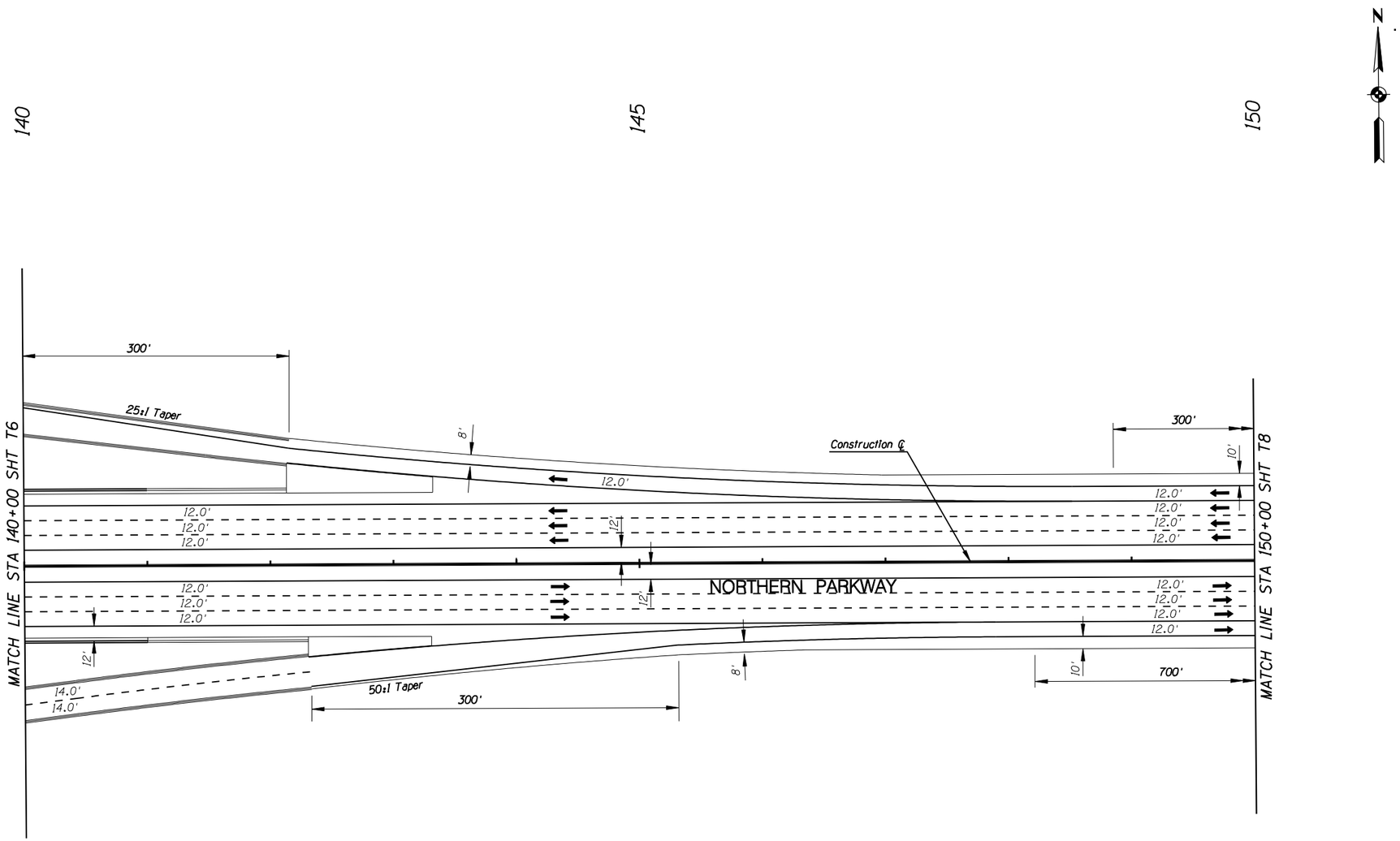
URS

STRIPING PLAN
STA 130+00 TO STA 140+00

SHEET T6

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr07.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 140+00 TO STA 150+00

SHEET T7

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr08.dgn

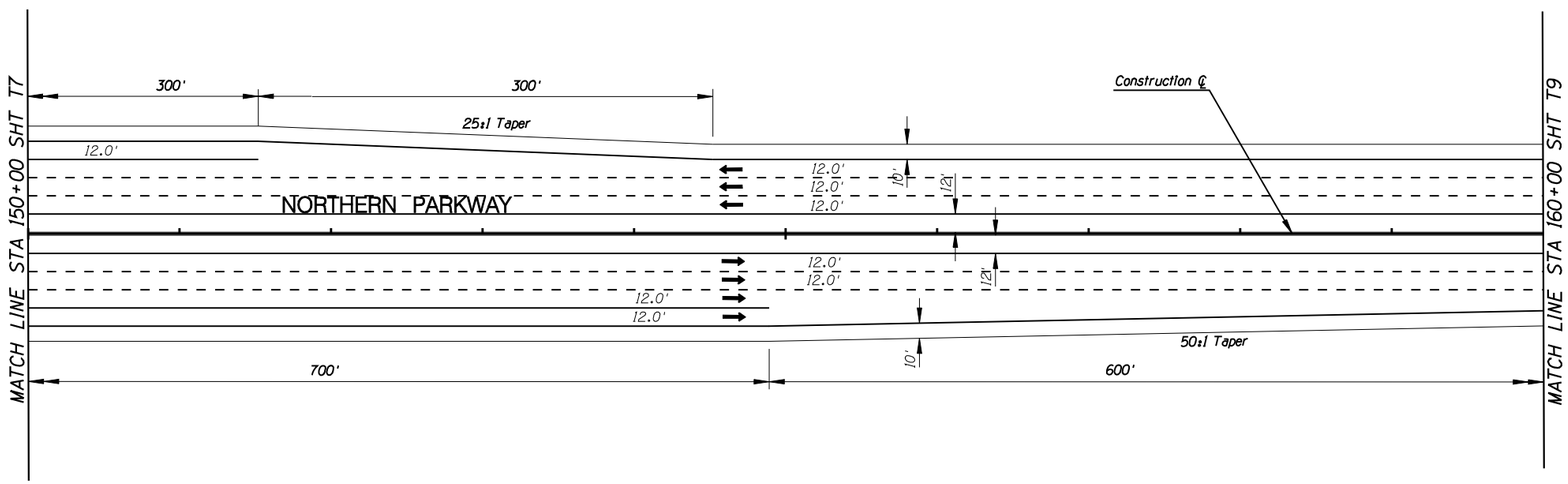
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

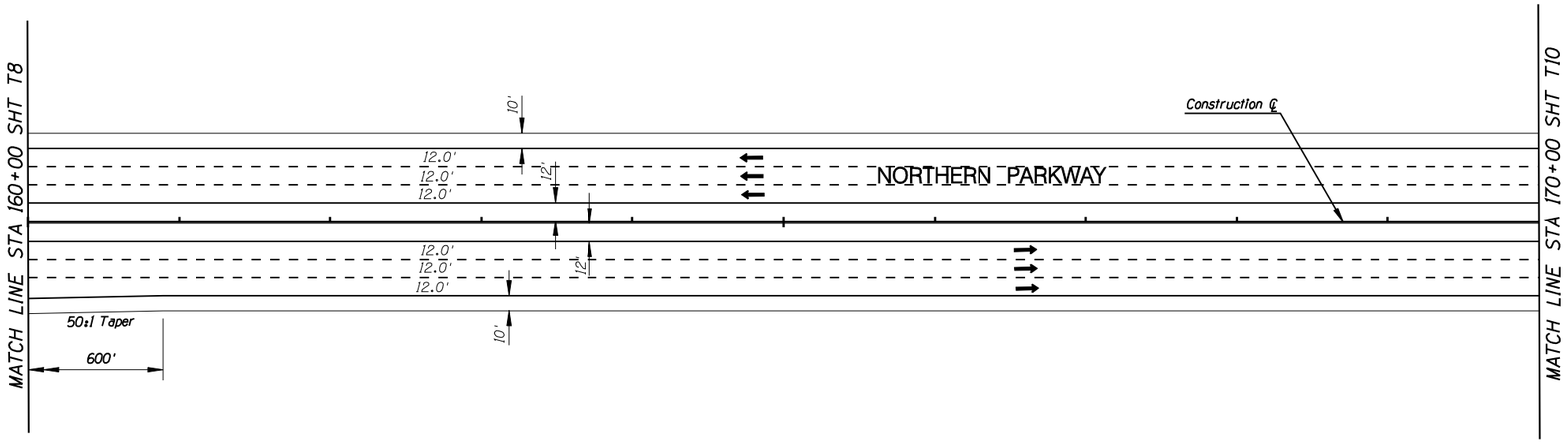
STRIPING PLAN
STA 150+00 TO STA 160+00

SHEET T8

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr09.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

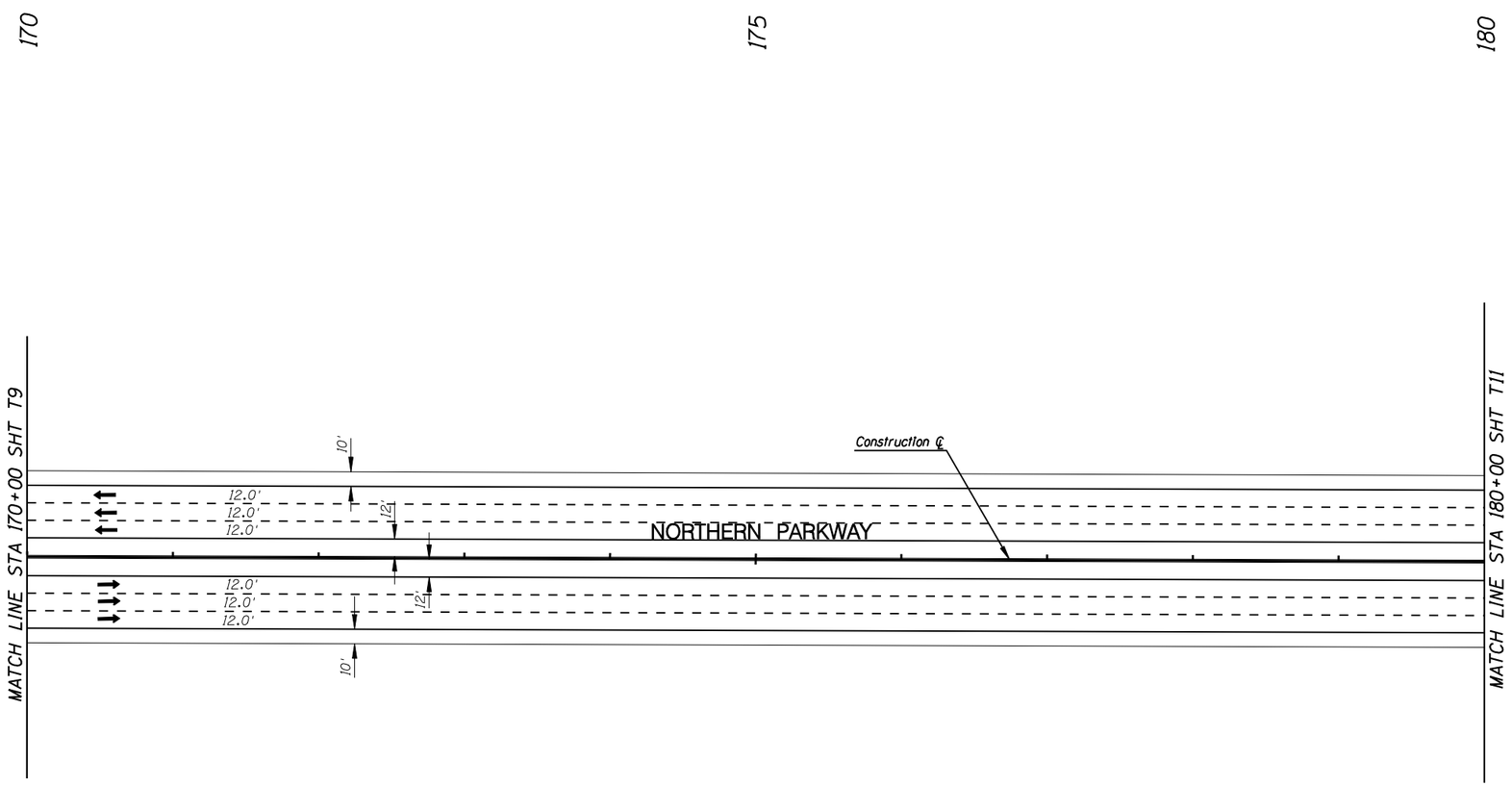
STRIPING PLAN
STA 160+00 TO STA 170+00

SHEET T9

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr10.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 170+00 TO STA 180+00

SHEET T10

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr11.dgn

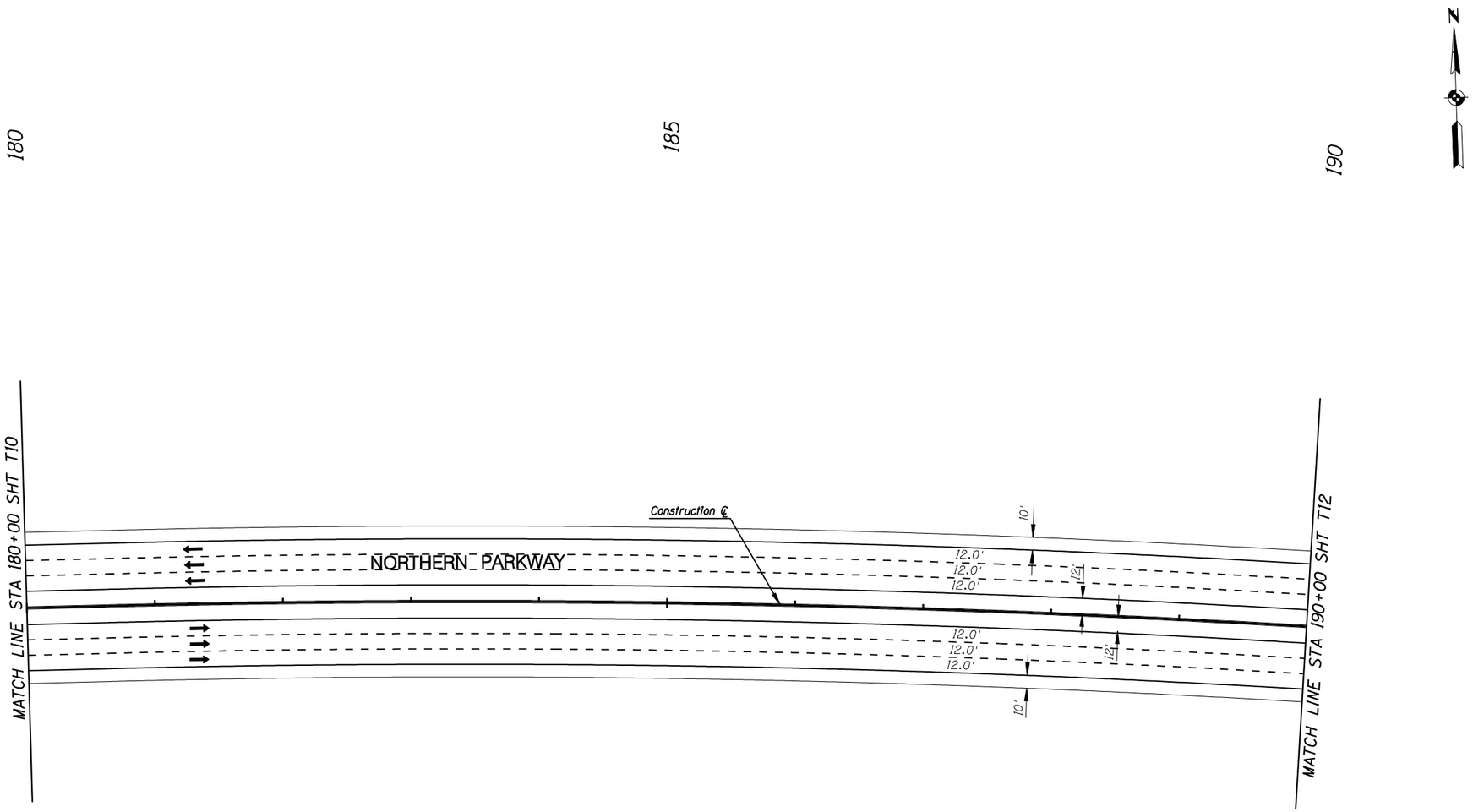
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

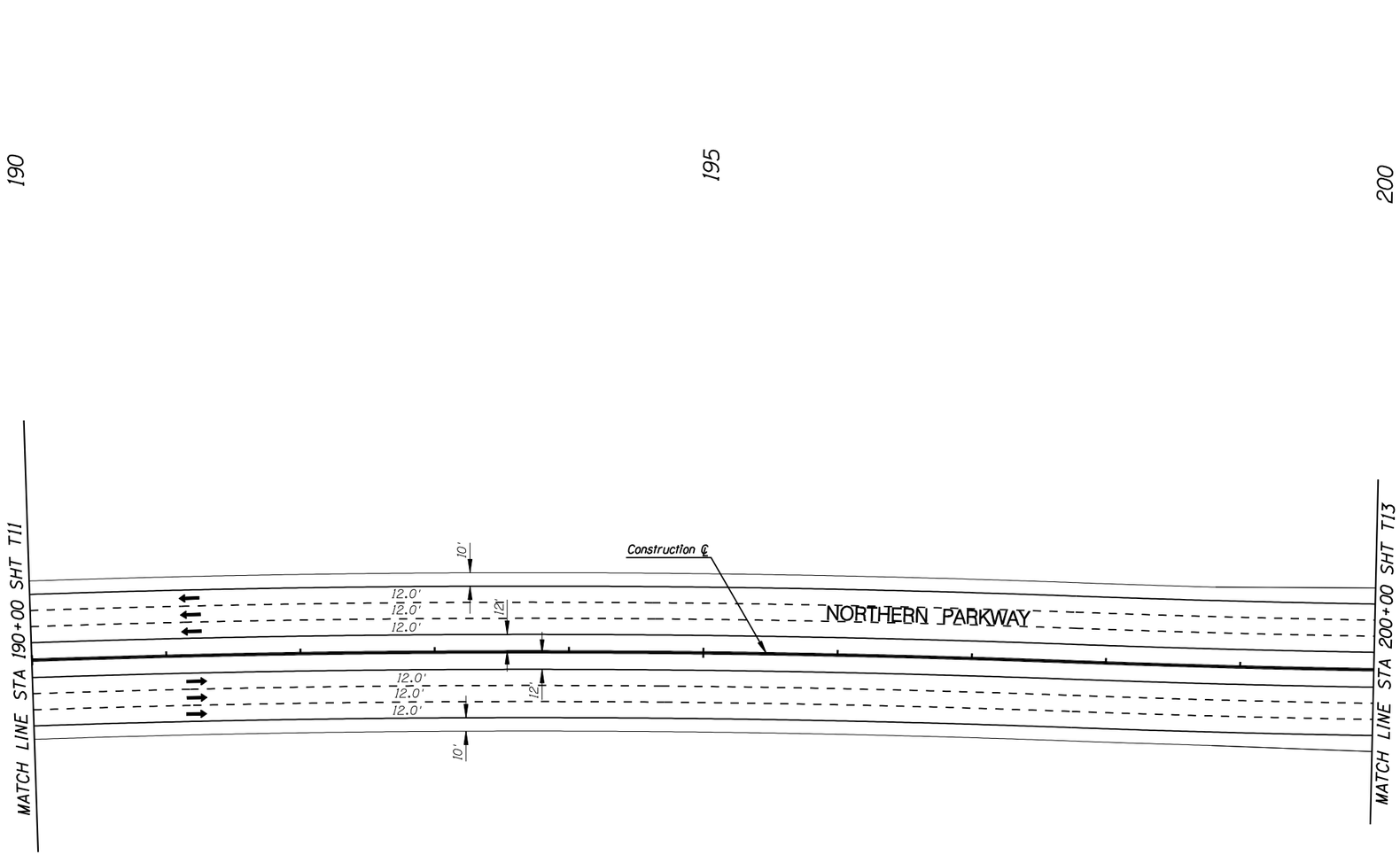
STRIPING PLAN
STA 180+00 TO STA 190+00

SHEET T11

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr12.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

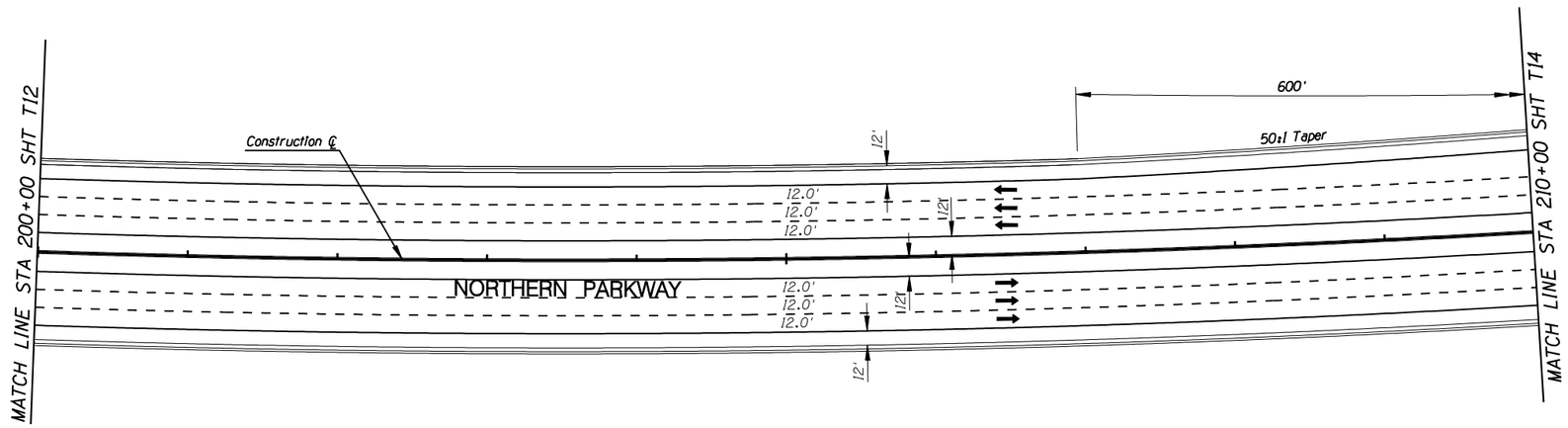
STRIPING PLAN
STA 190+00 TO STA 200+00

SHEET T12

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr13.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

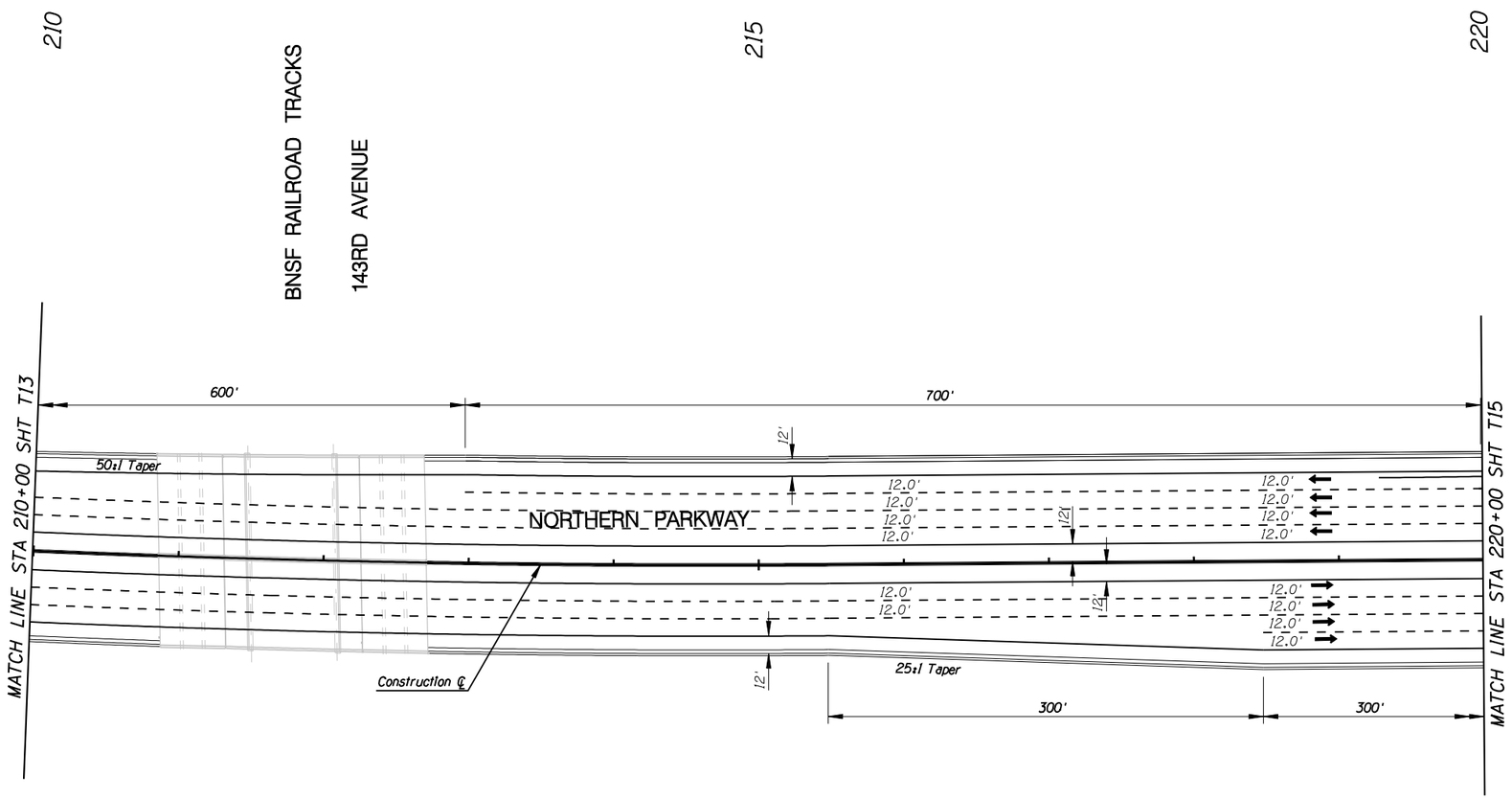
STRIPING PLAN
STA 200+00 TO STA 210+00

SHEET T13

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr14.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 210+00 TO STA 220+00

SHEET T14

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr15.dgn

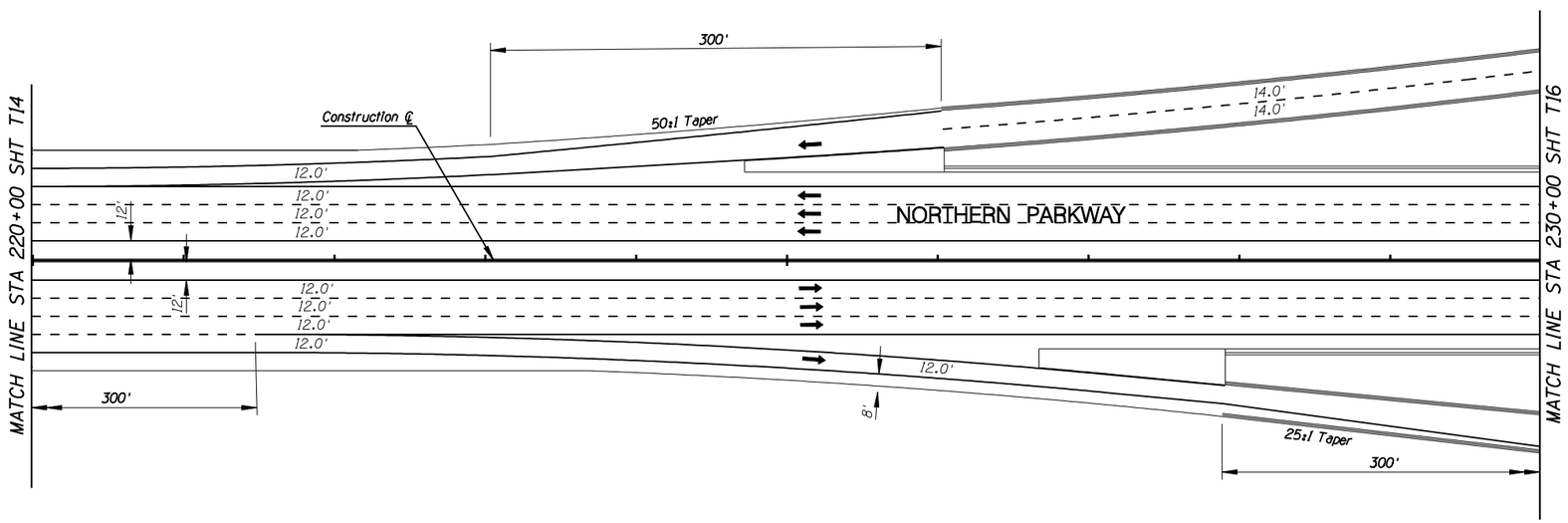
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

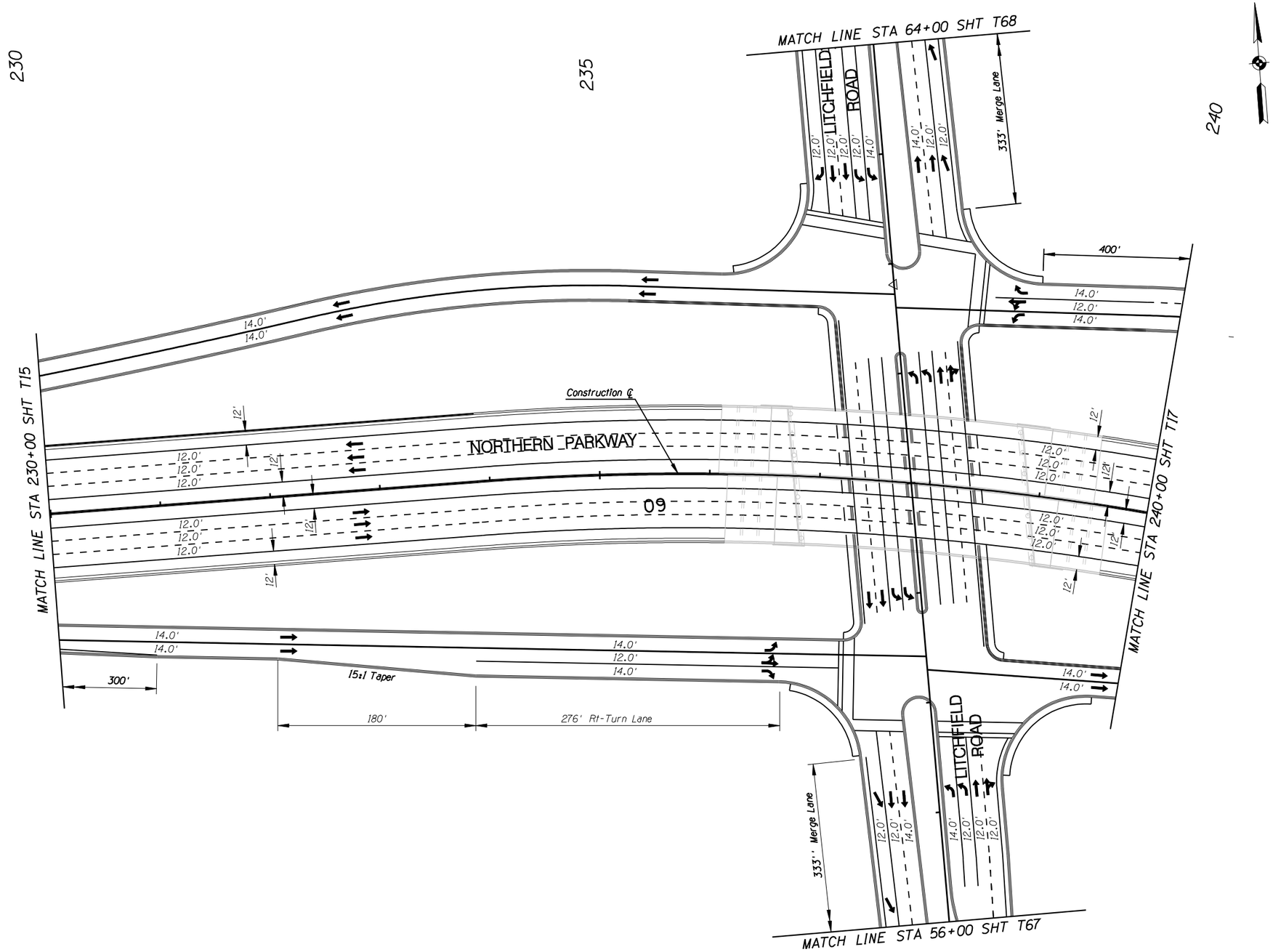
STRIPING PLAN
STA 220+00 TO STA 230+00

SHEET T15

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr16.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

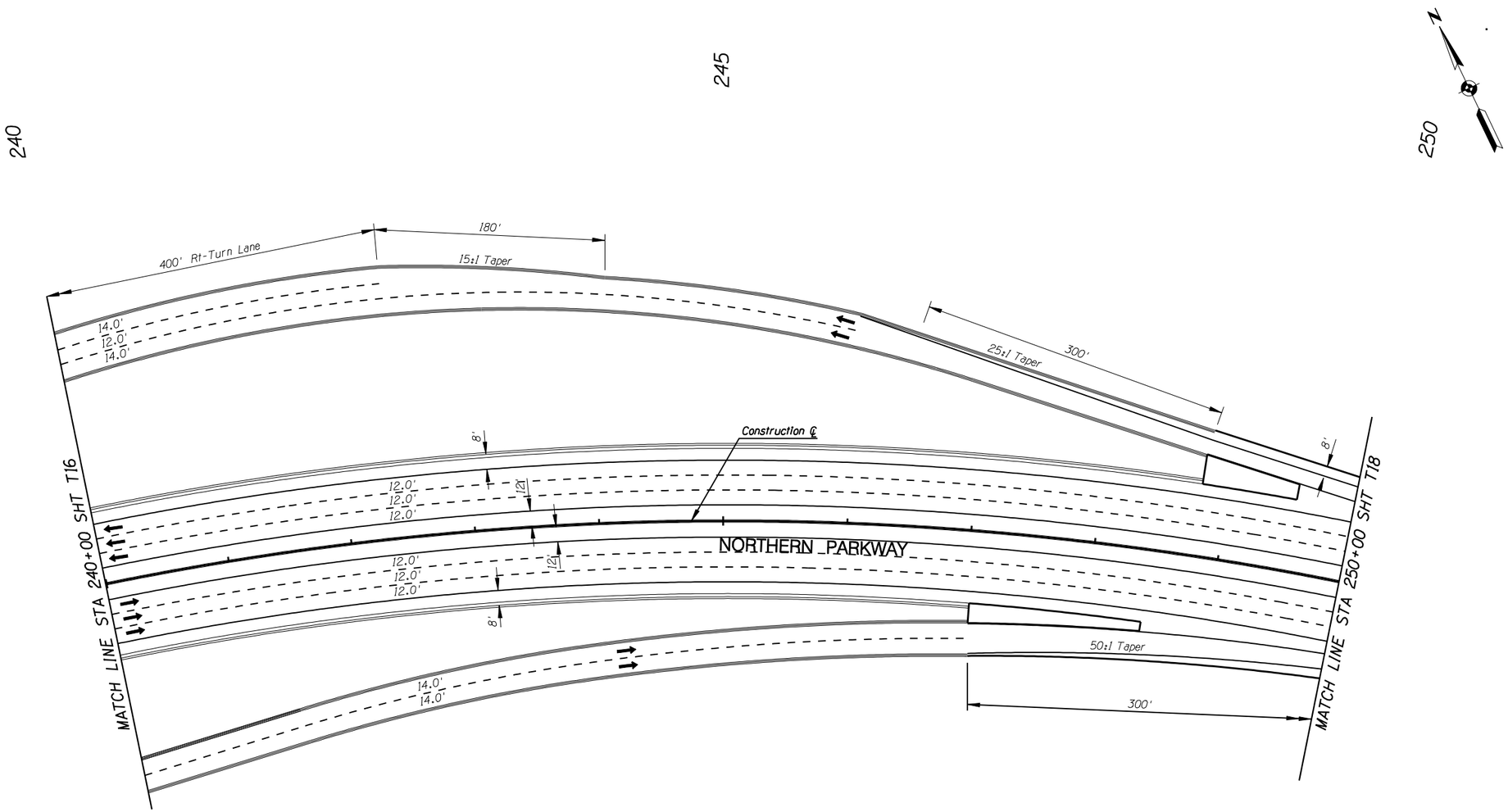
STRIPING PLAN
STA 230+00 TO STA 240+00

SHEET T16

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr17.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

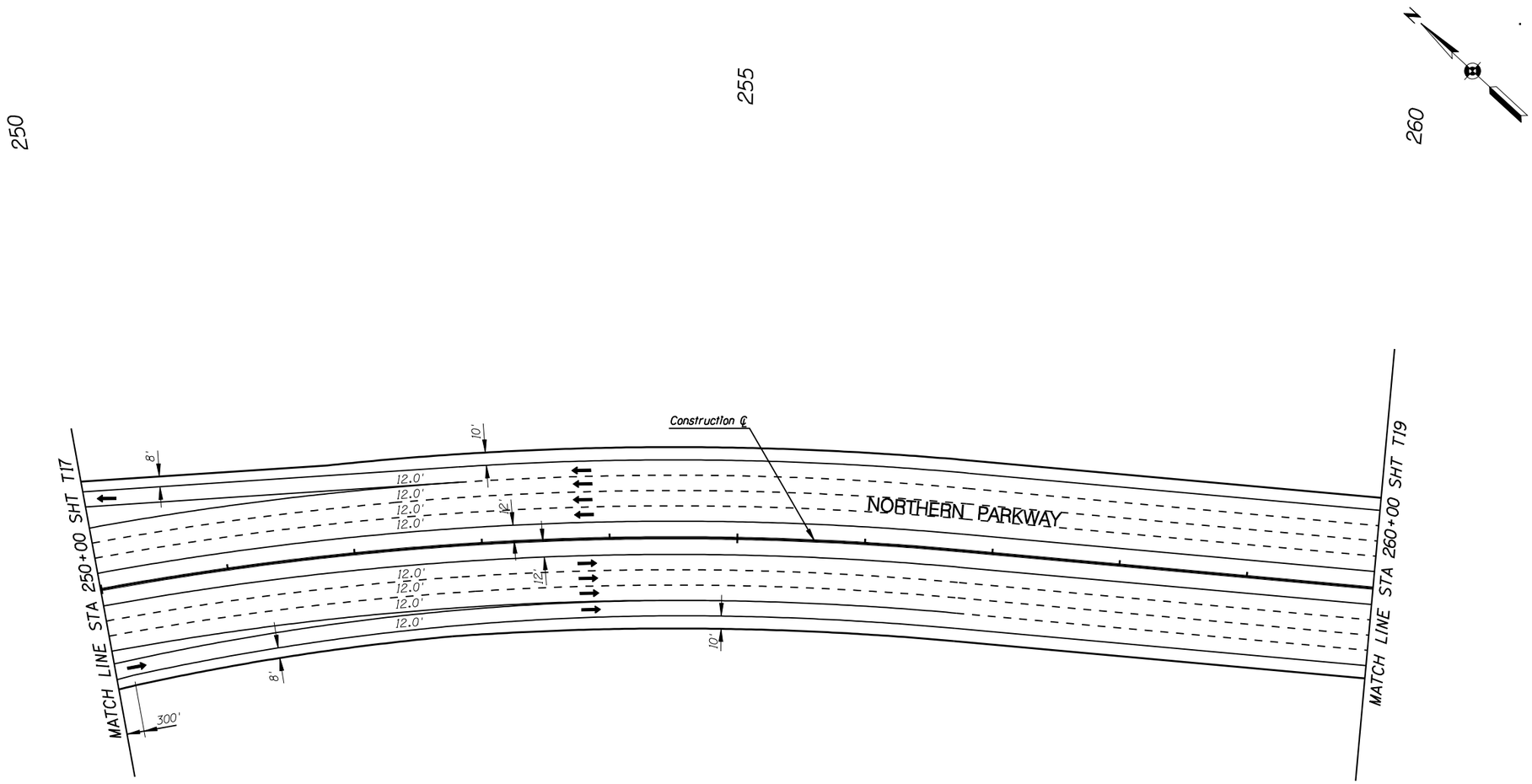
STRIPING PLAN
STA 240+00 TO STA 250+00

SHEET
T17

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr18.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

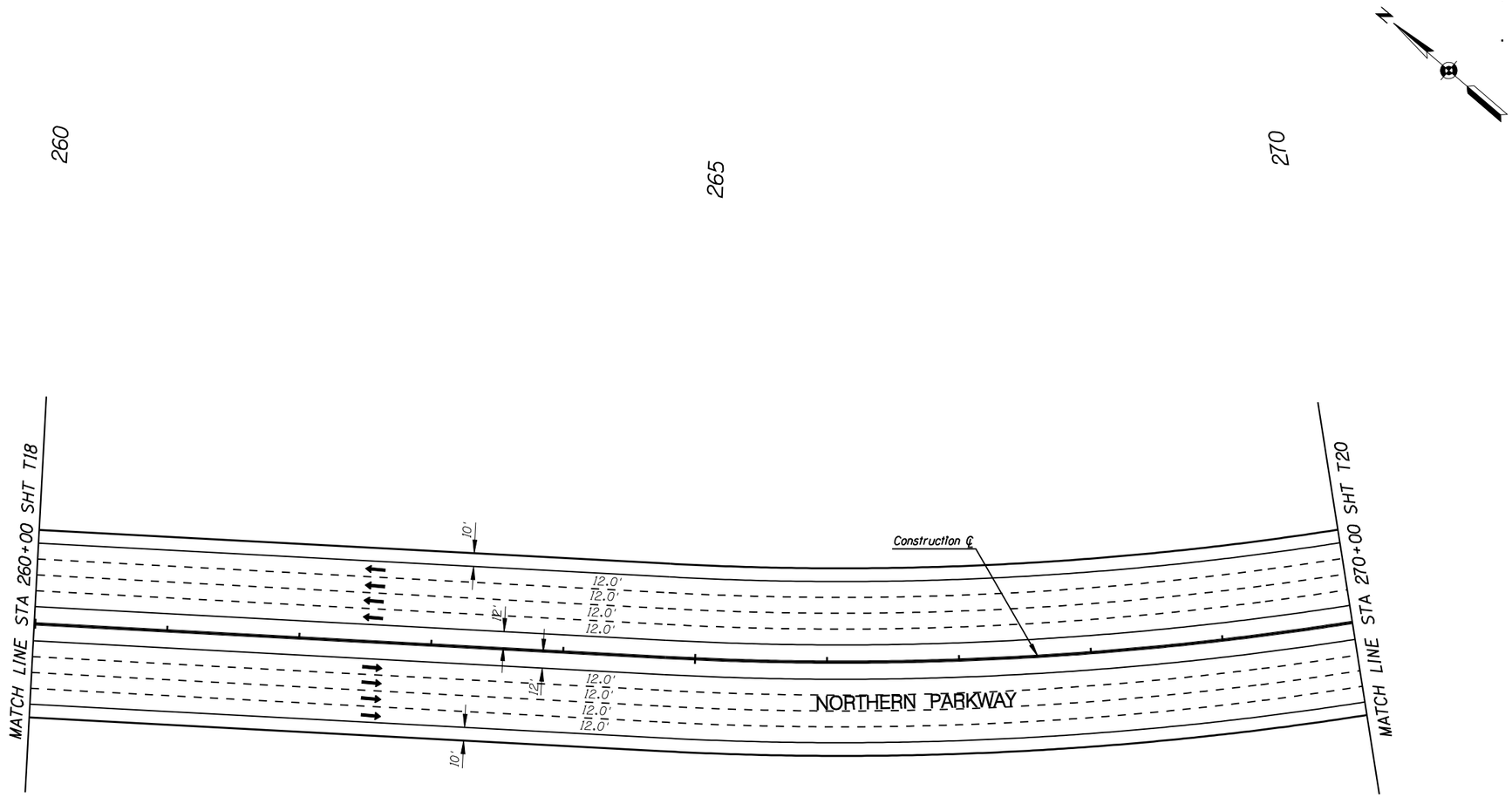
STRIPING PLAN
STA 250+00 TO STA 260+00

SHEET T18

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr19.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

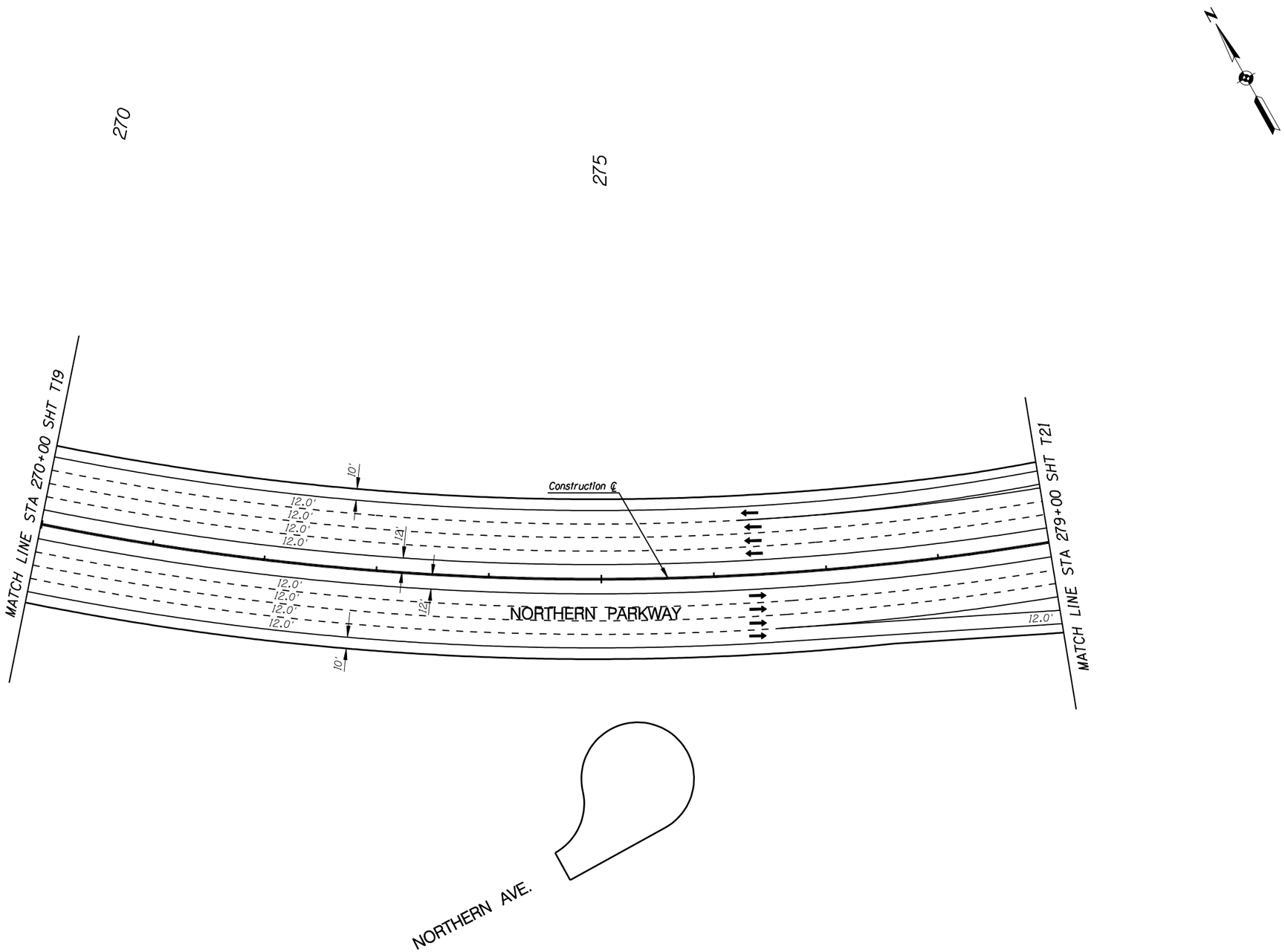
STRIPING PLAN
STA 260+00 TO STA 270+00

SHEET T19

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr20.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

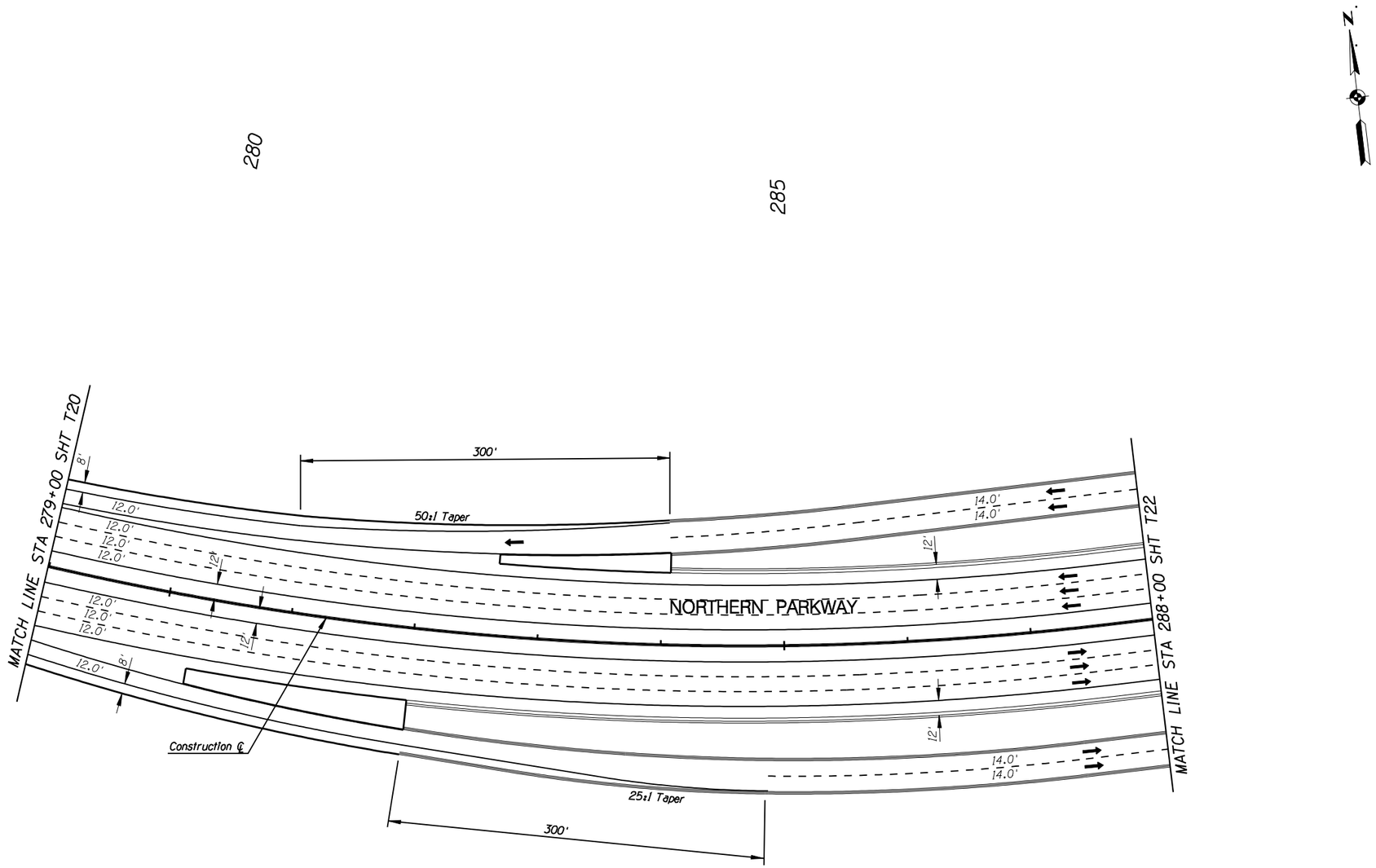
STRIPING PLAN
STA 270+00 TO STA 279+00

SHEET T20

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr21.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 279+00 TO STA 288+00

SHEET T21

TRACS NO. 0000 MA MMA SS593 01C

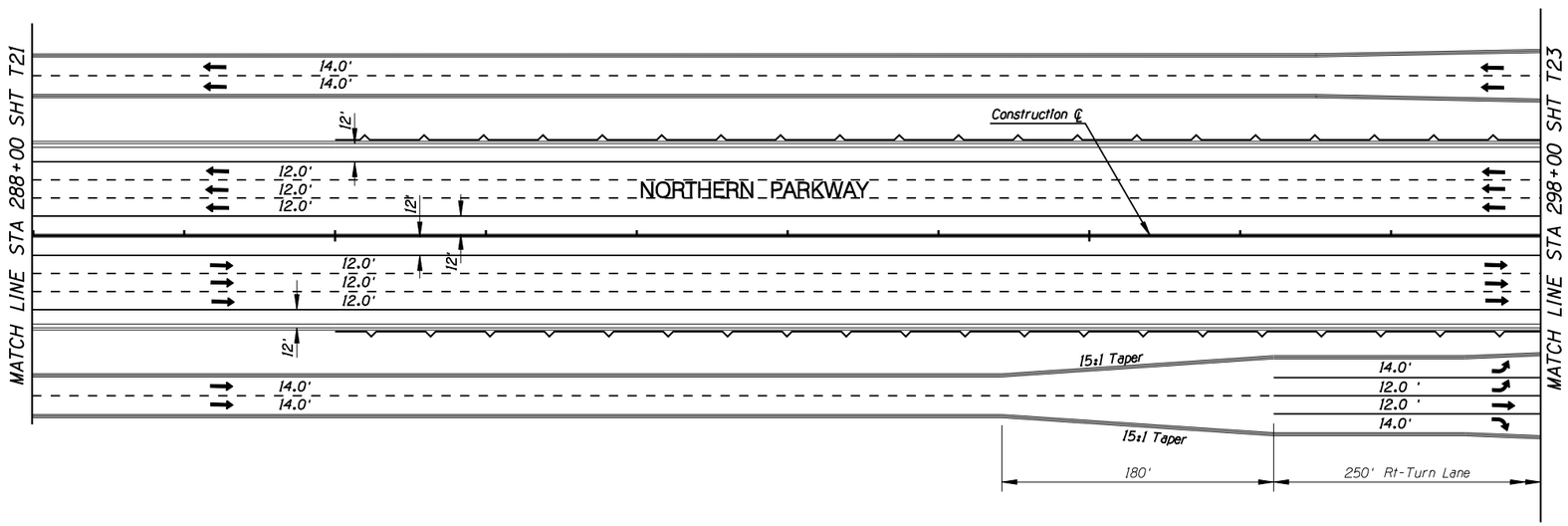
English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr22.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

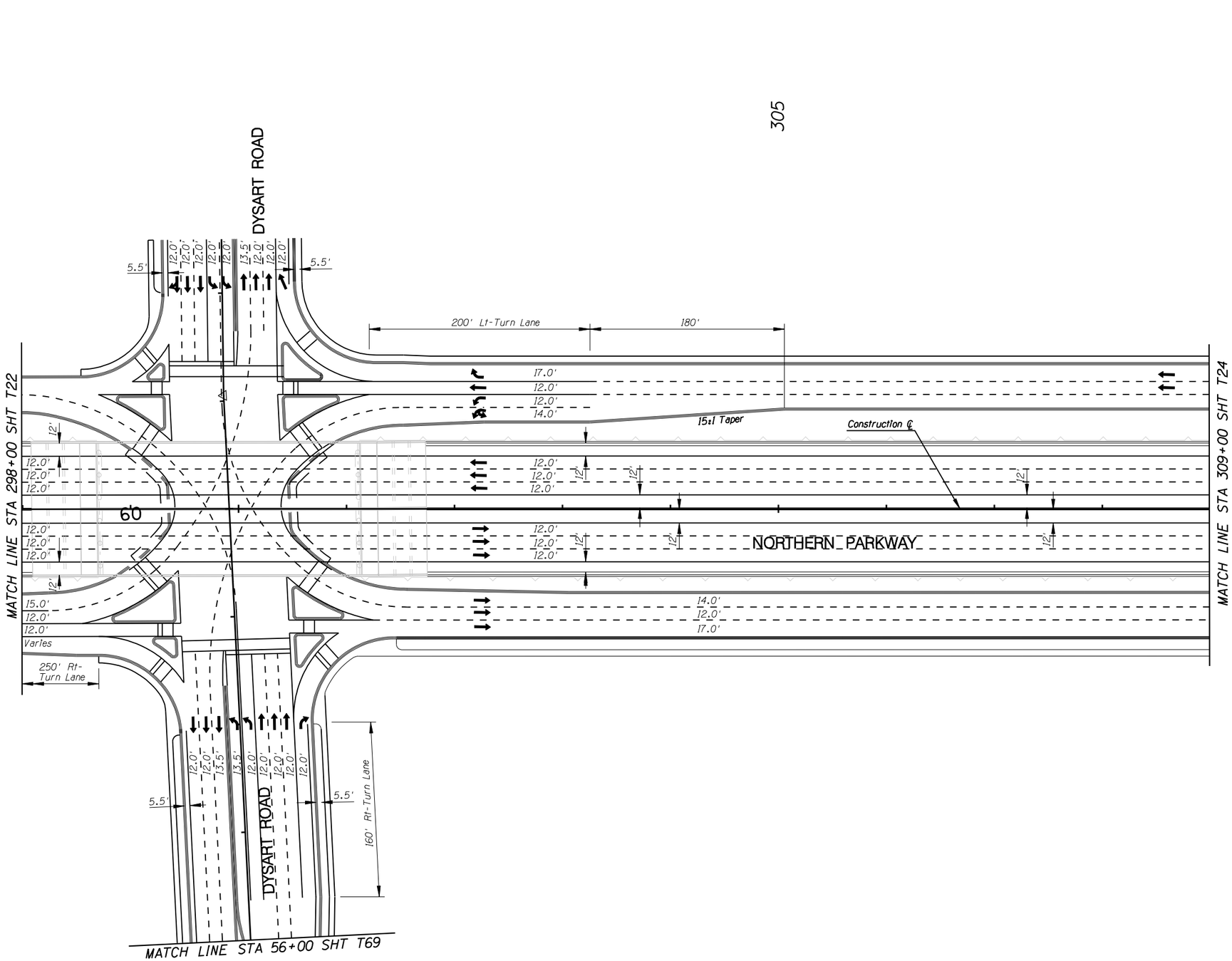
URS

STRIPING PLAN
STA 288+00 TO STA 298+00

SHEET T22

TRACS NO. 0000 MA MMA SS593 OIC

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr23.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

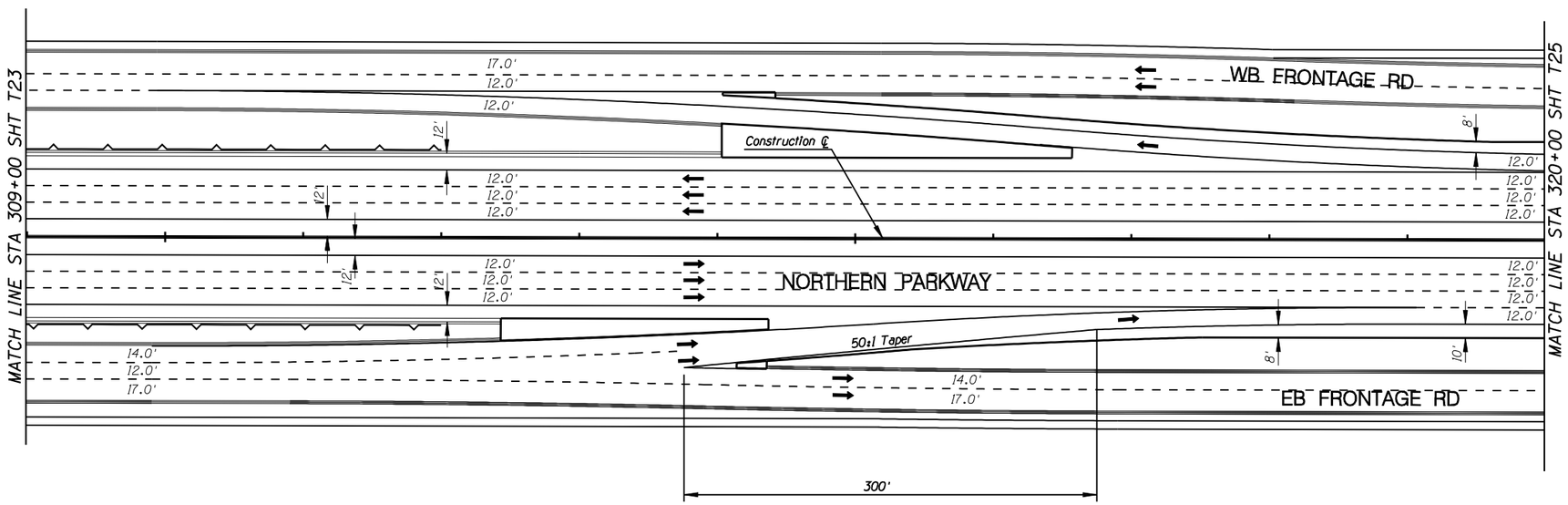
URS

STRIPING PLAN
STA 298+00 TO STA 309+00

SHEET T23

TRACS NO. 0000 MA MMA SS593 OIC

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr24.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

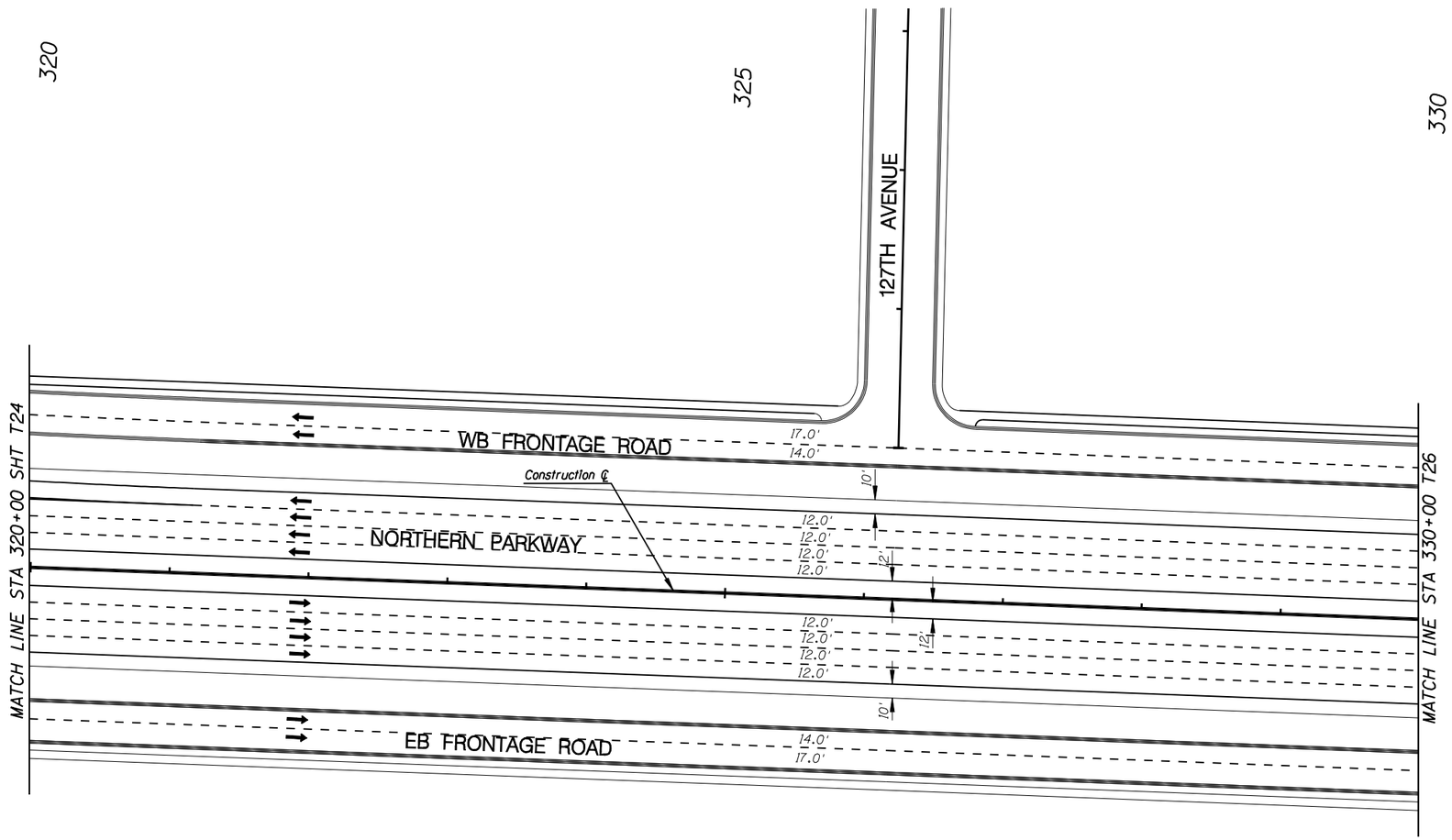
STRIPING PLAN
STA 309+00 TO STA 320+00

SHEET T24

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr25.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

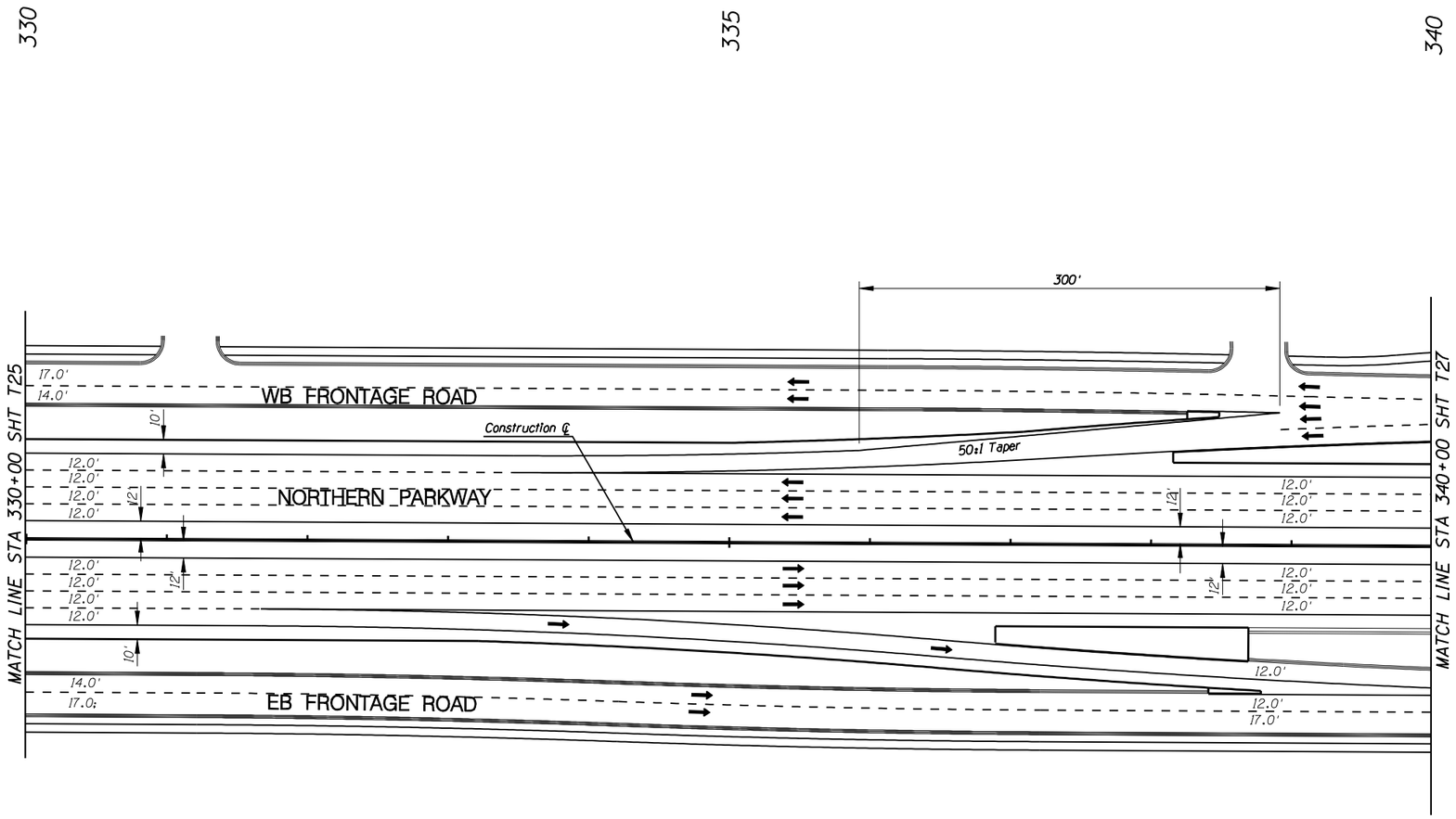
STRIPING PLAN
STA 320+00 TO STA 330+00

SHEET T25

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*city_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr26.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

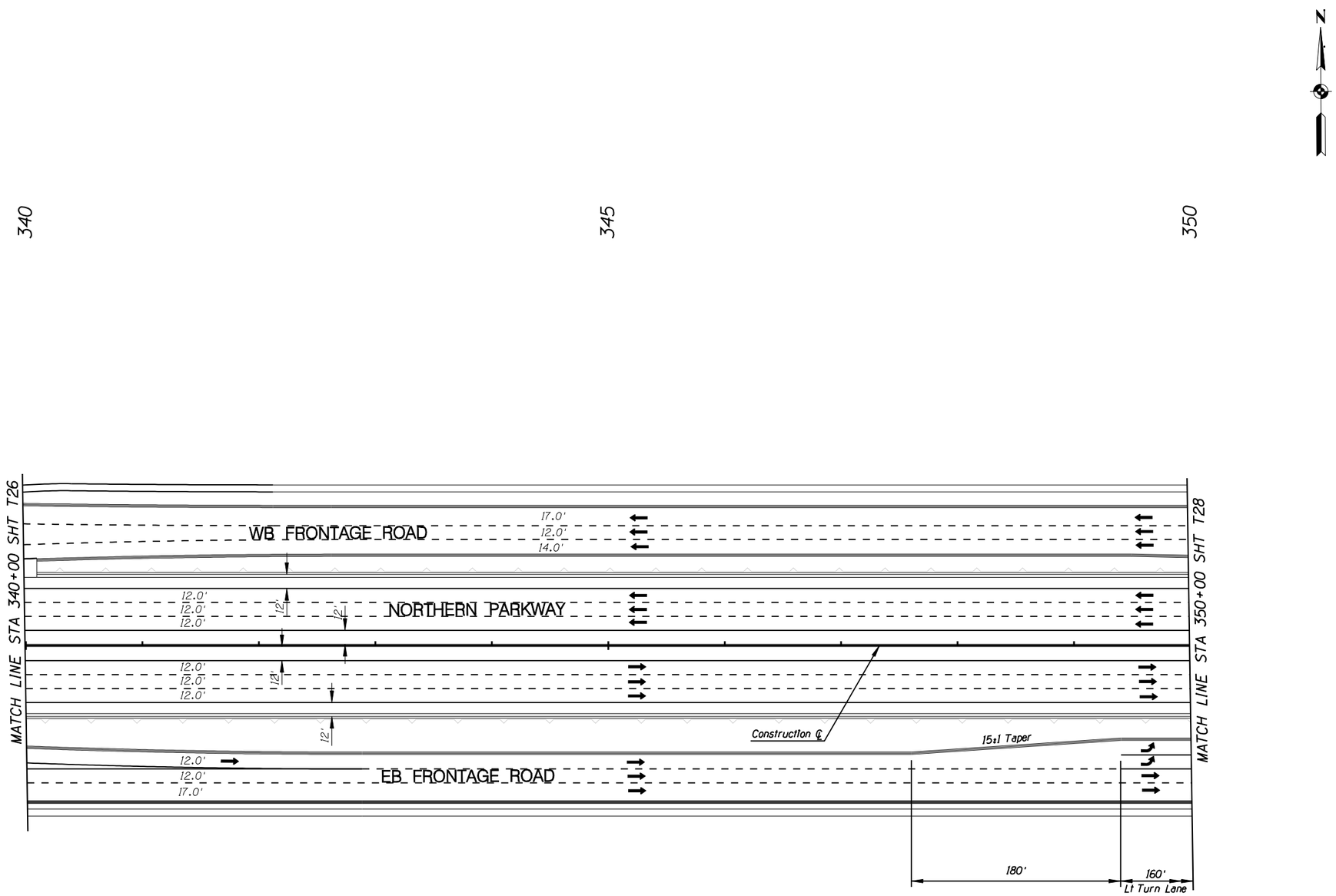
STRIPING PLAN
STA 330+00 TO STA 340+00

SHEET T26

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr27.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 340+00 TO STA 350+00

SHEET
T27

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr28.dgn

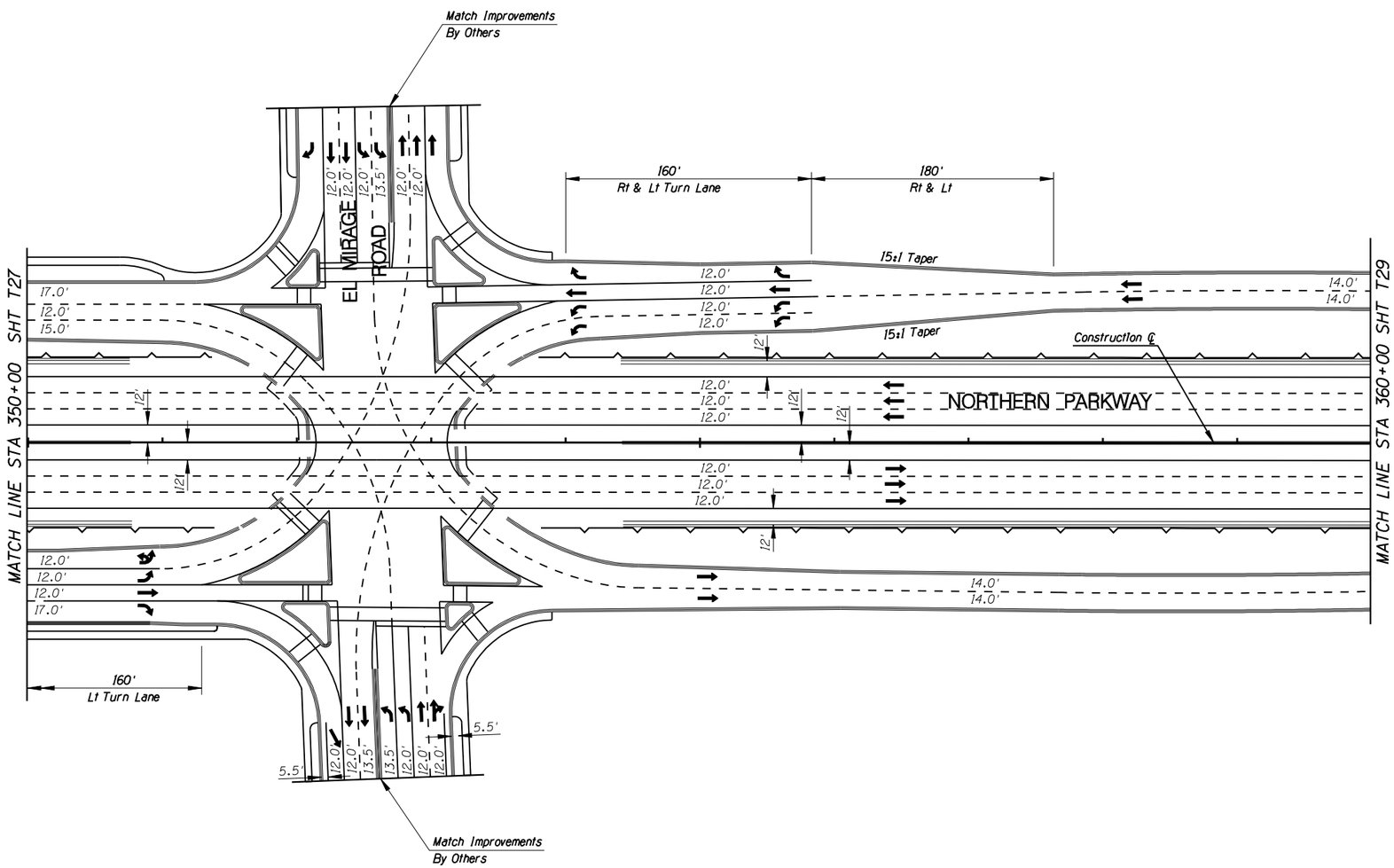
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

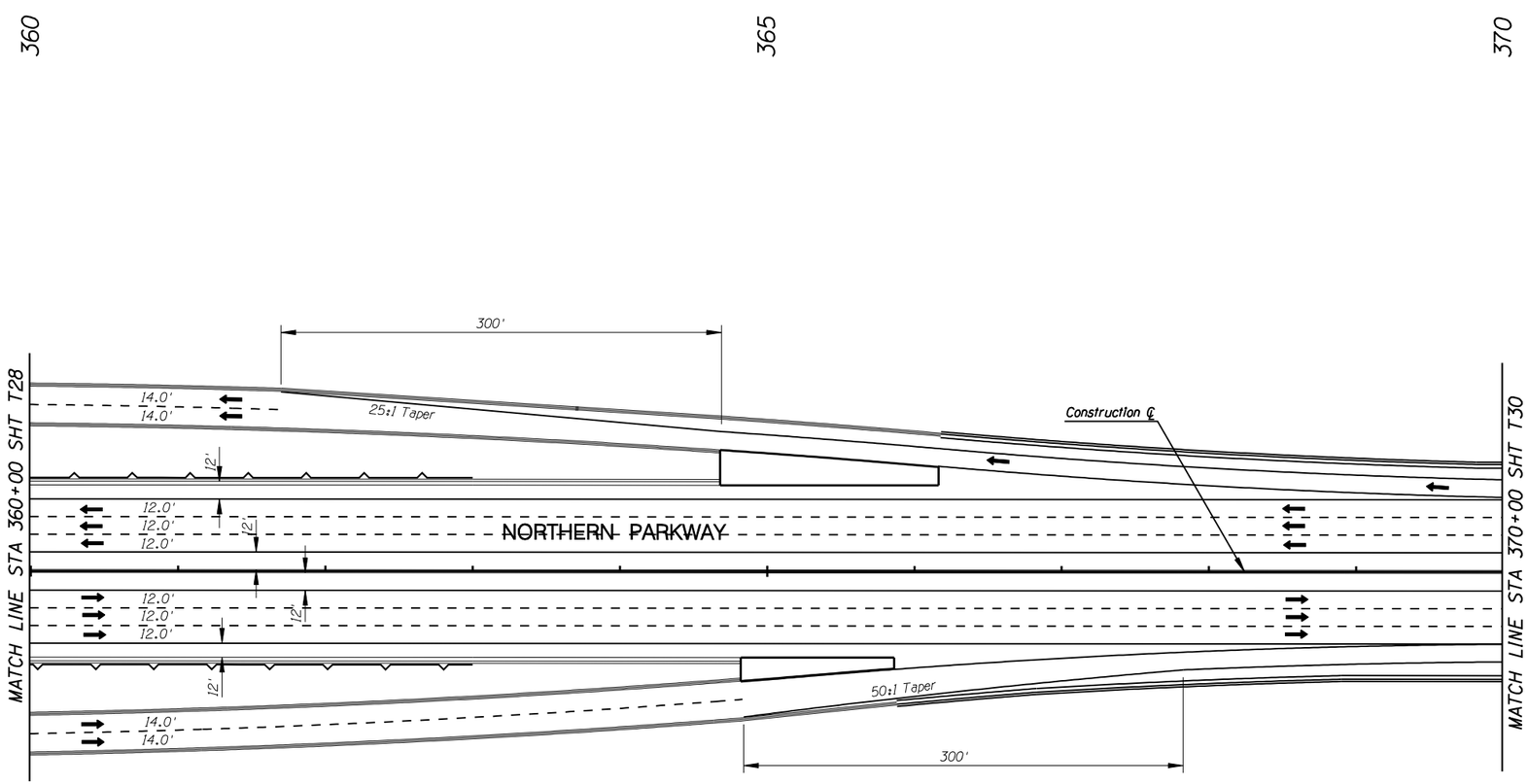
STRIPING PLAN
STA 350+00 TO STA 360+00

SHEET T28

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr29.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

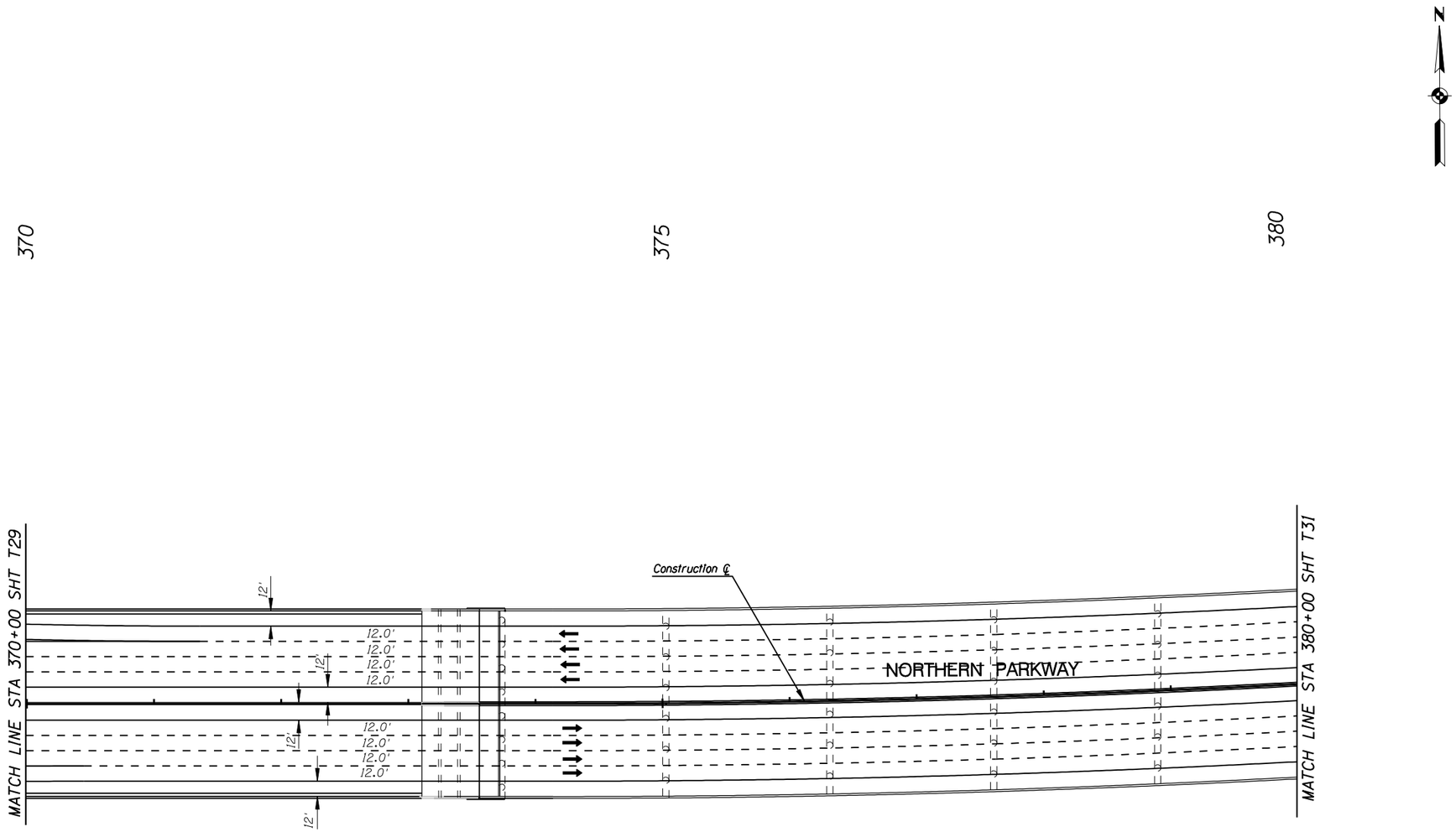
STRIPING PLAN
STA 360+00 TO STA 370+00

SHEET T29

TRACS NO. 0000 MA MMA SS593 OIC

English

5/28/2009 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD*Plans*Alternative 1*Striping*TT108tr30.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

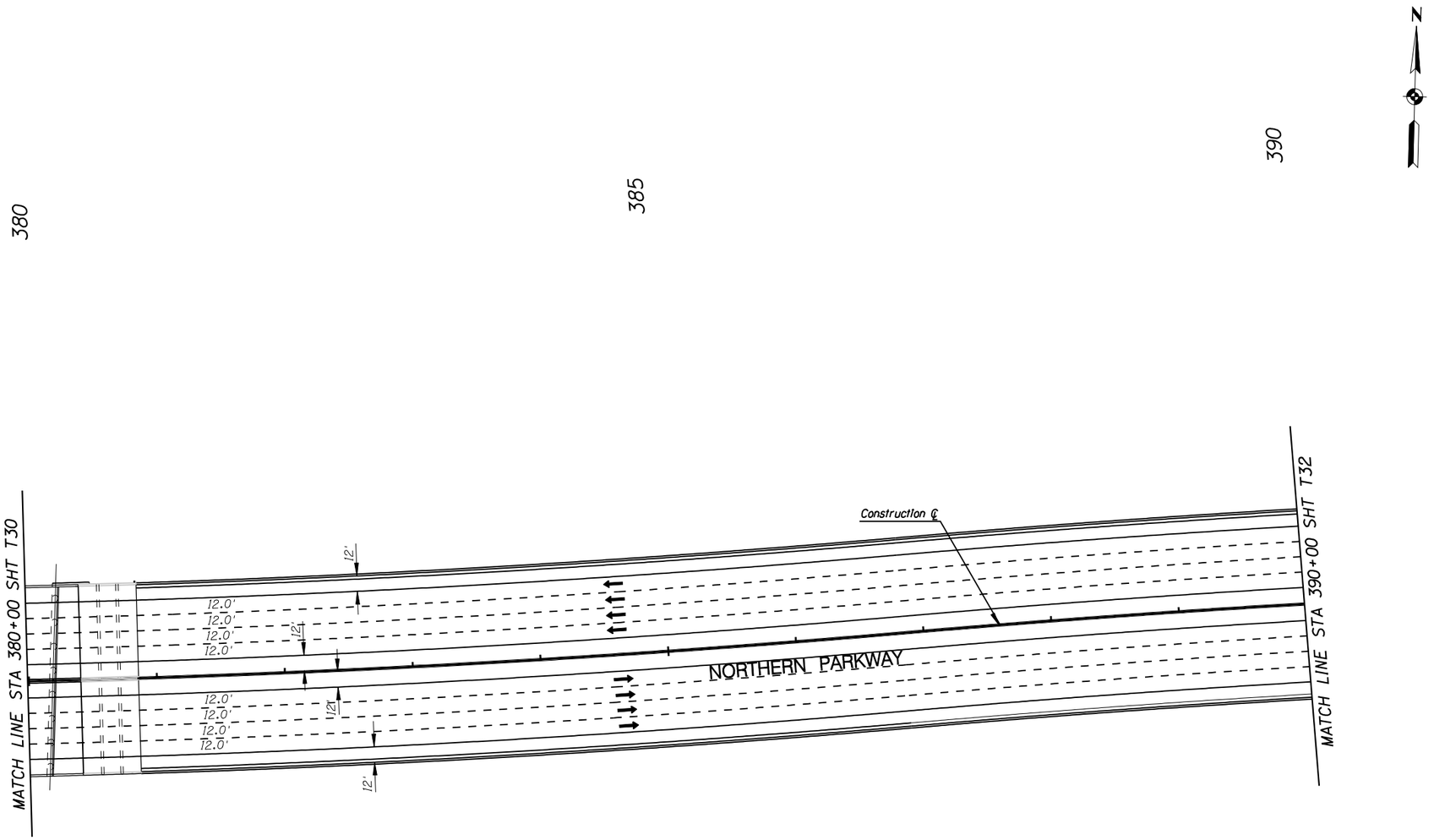
STRIPING PLAN
STA 370+00 TO STA 380+00

SHEET T30

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr31.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

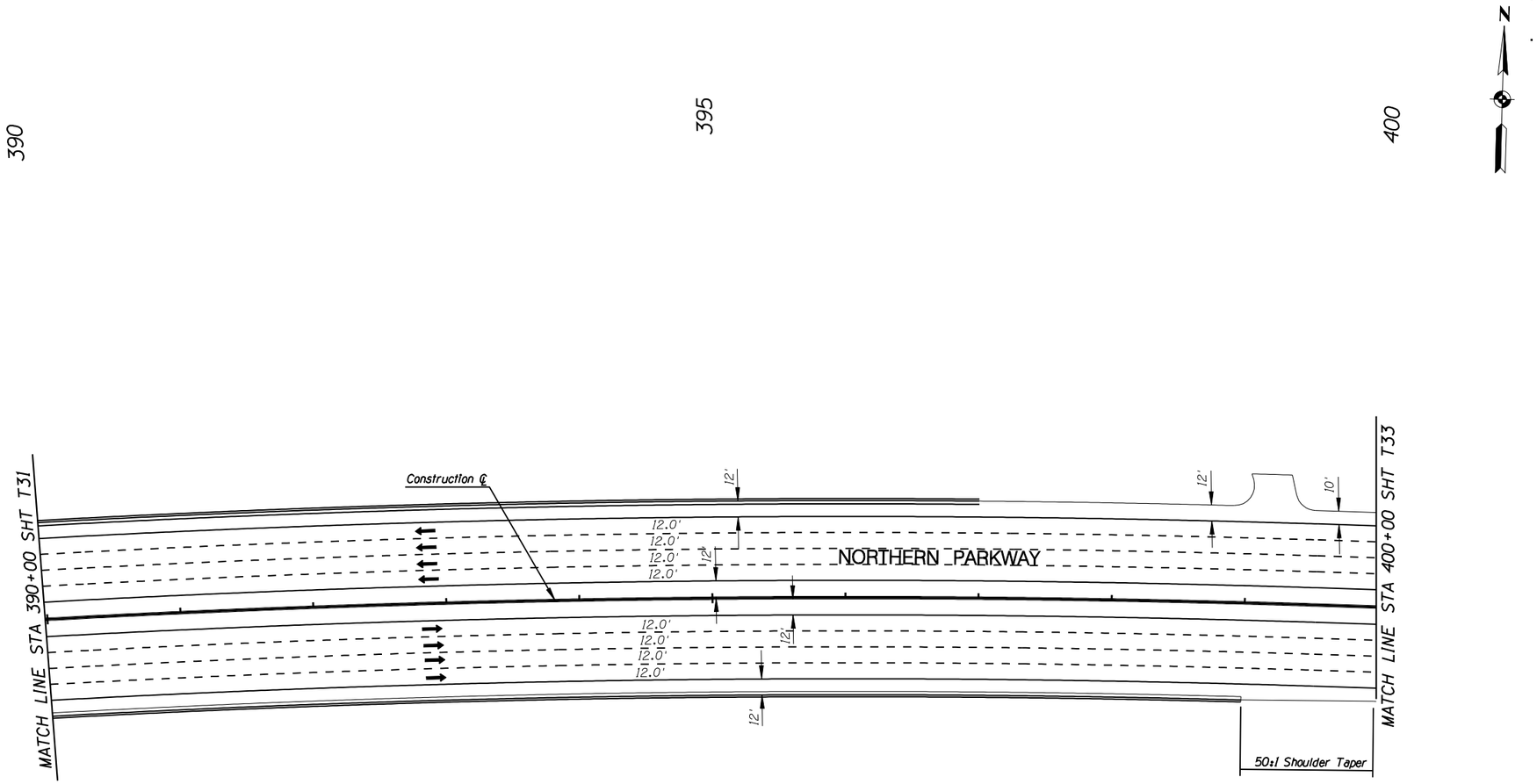
STRIPING PLAN
STA 380+00 TO STA 390+00

SHEET T31

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr32.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

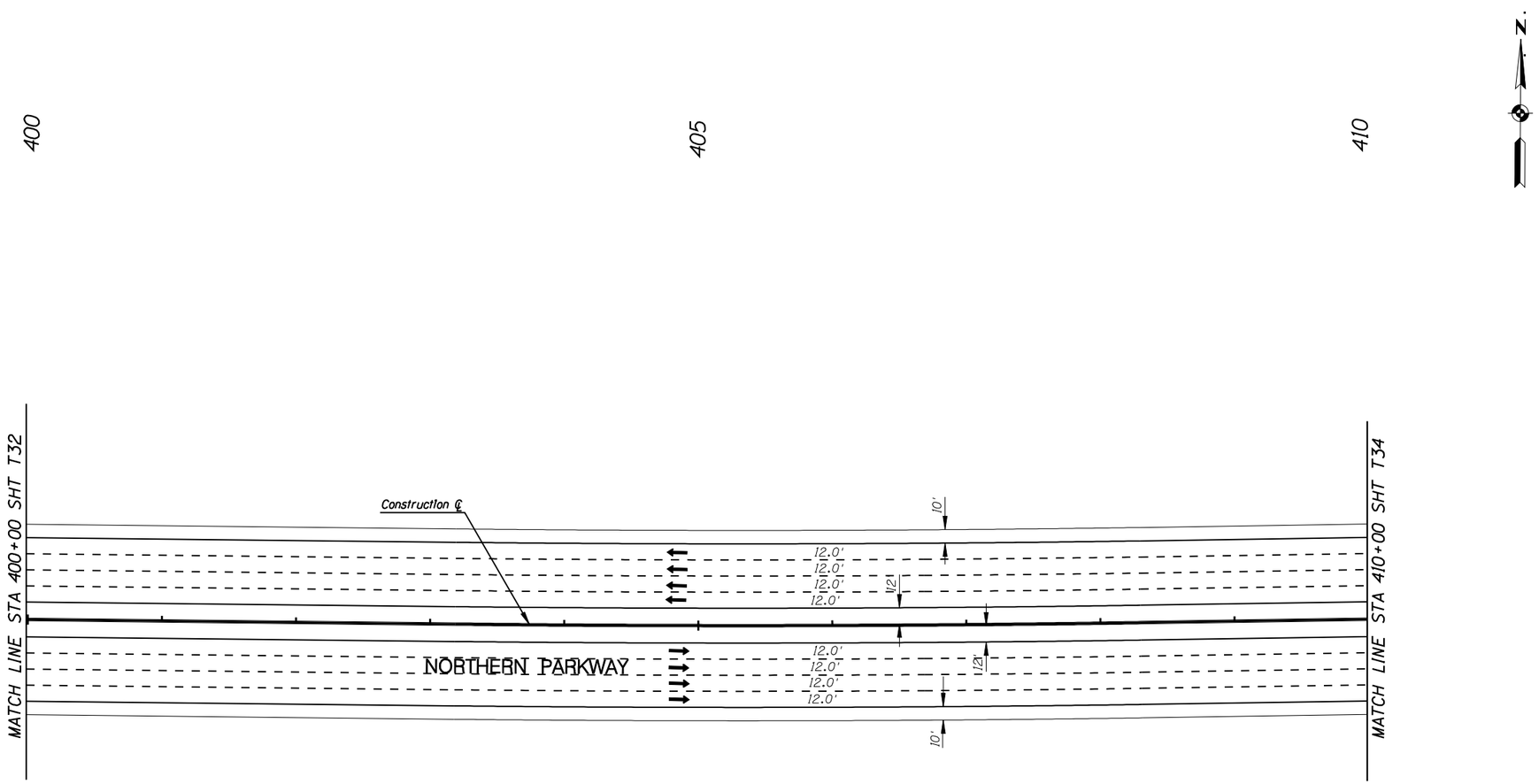
STRIPING PLAN
STA 390+00 TO STA 400+00

SHEET T32

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr33.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

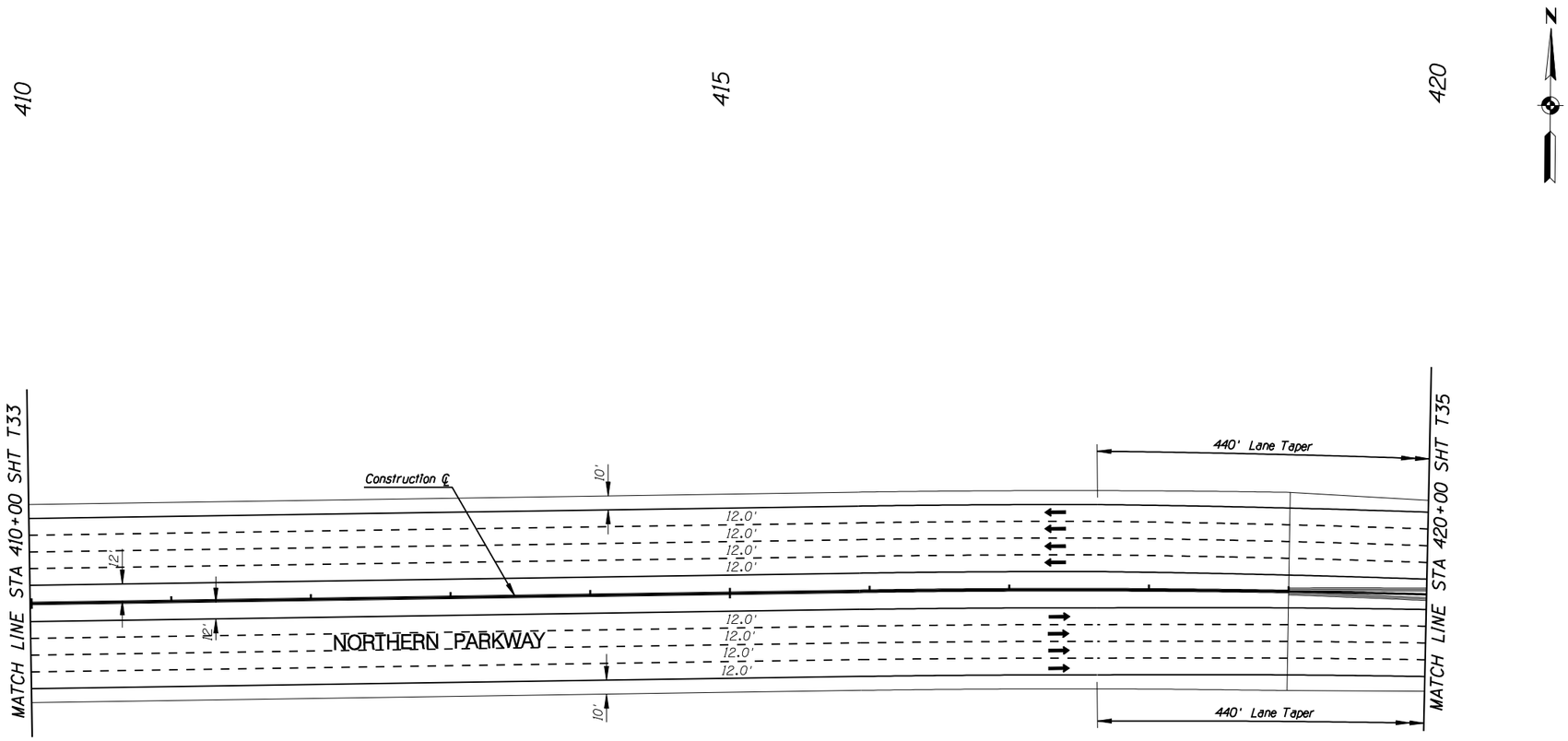
STRIPING PLAN
STA 400+00 TO STA 410+00

SHEET T33

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\city_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr34.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

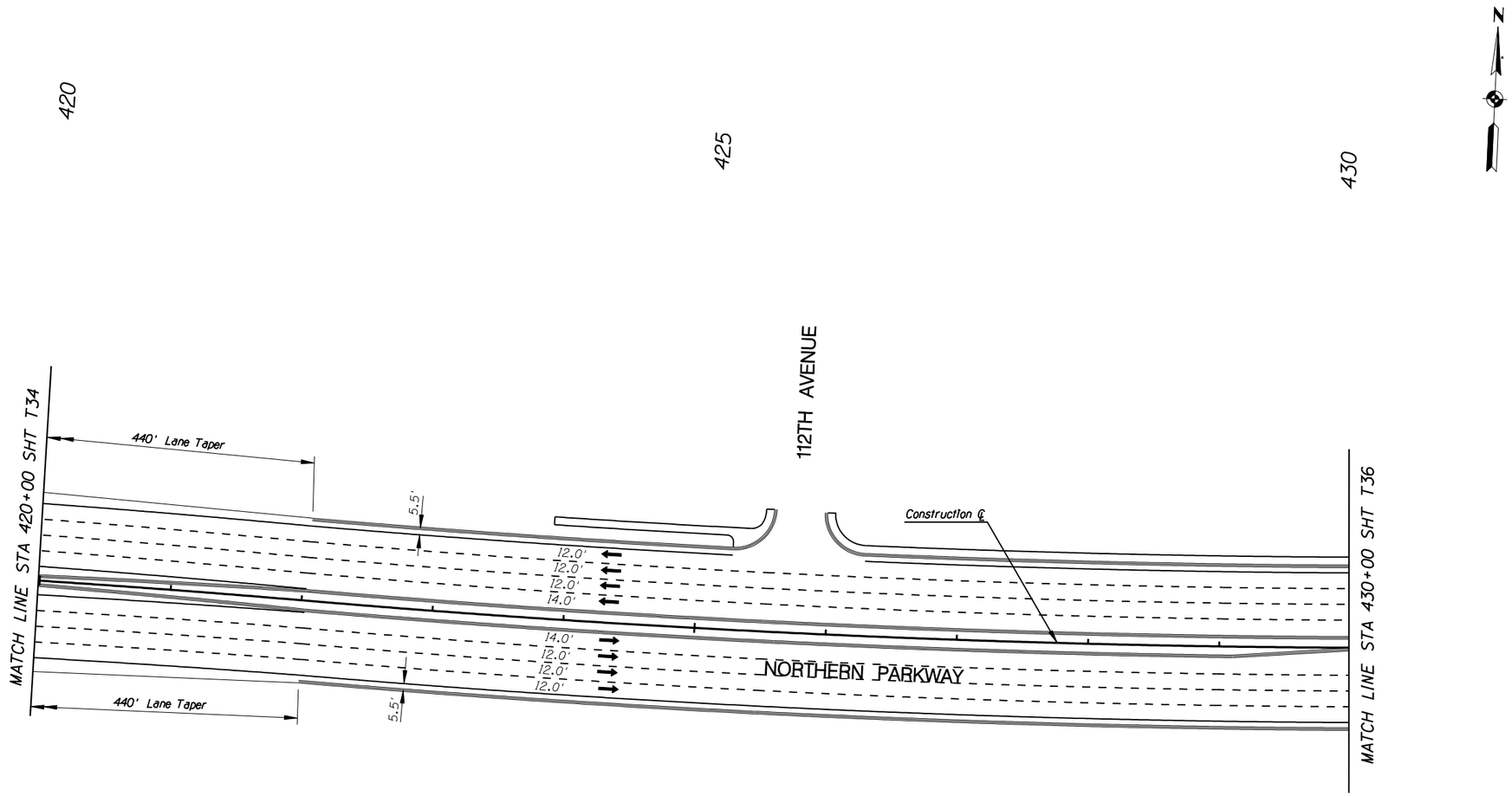
STRIPING PLAN
STA 410+00 TO STA 420+00

SHEET T34

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr35.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

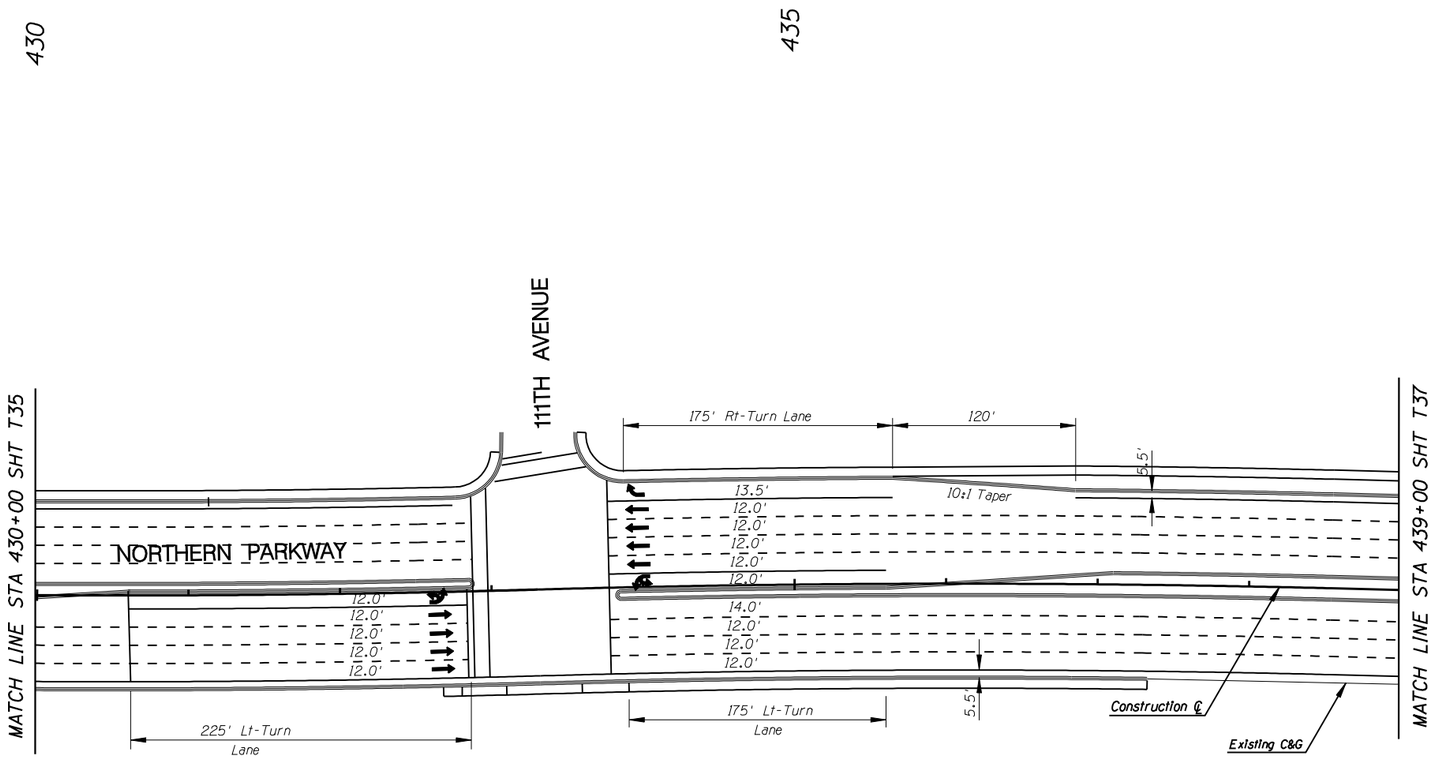
STRIPING PLAN
STA 420+00 TO STA 430+00

SHEET
T35

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr36.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

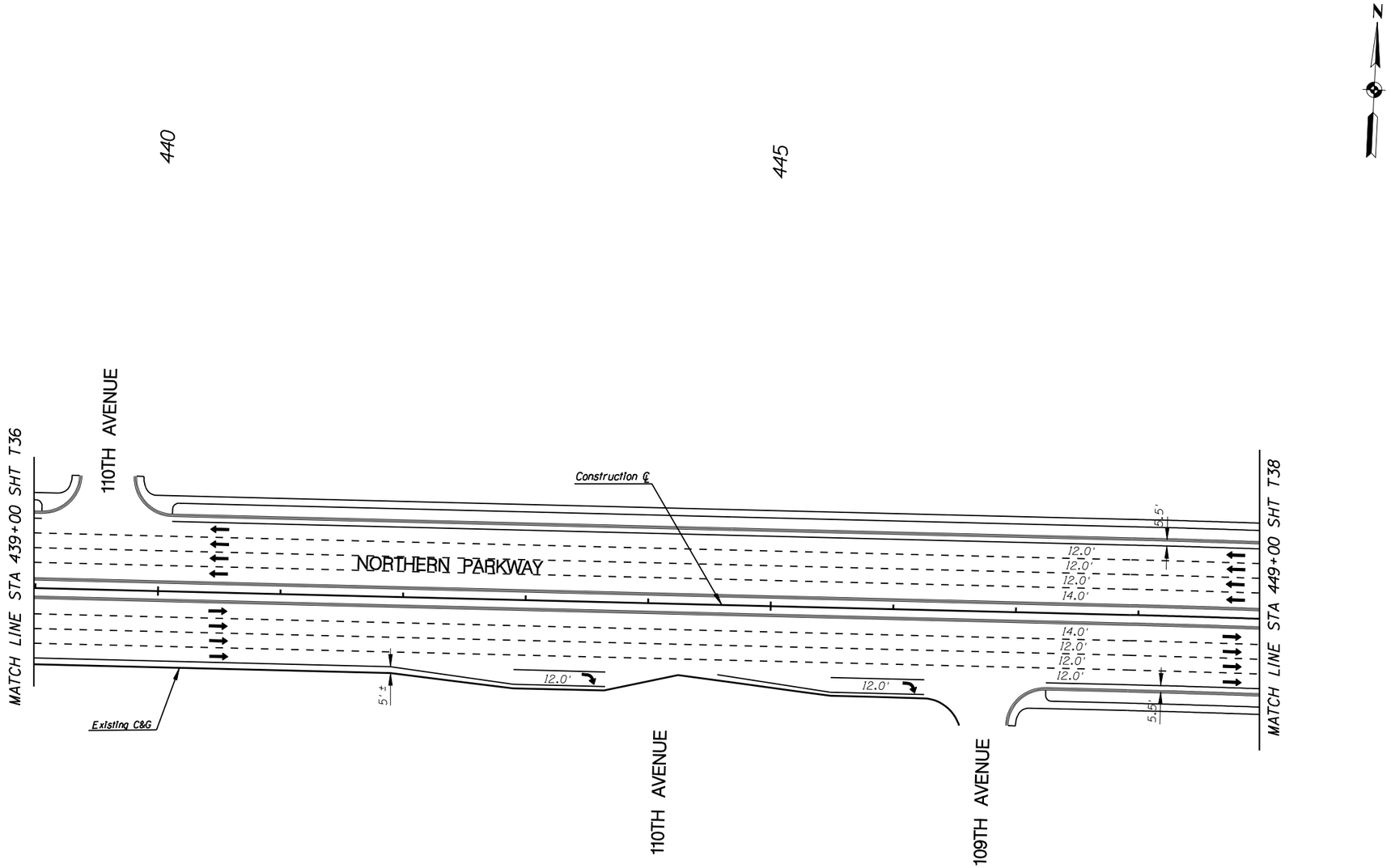
STRIPING PLAN
STA 430+00 TO STA 439+00

SHEET T36

TRACS NO. 0000 MA MMA SS593 01C

English

5/28/2009 $TIME$
P:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*Striping*TT108tr37.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

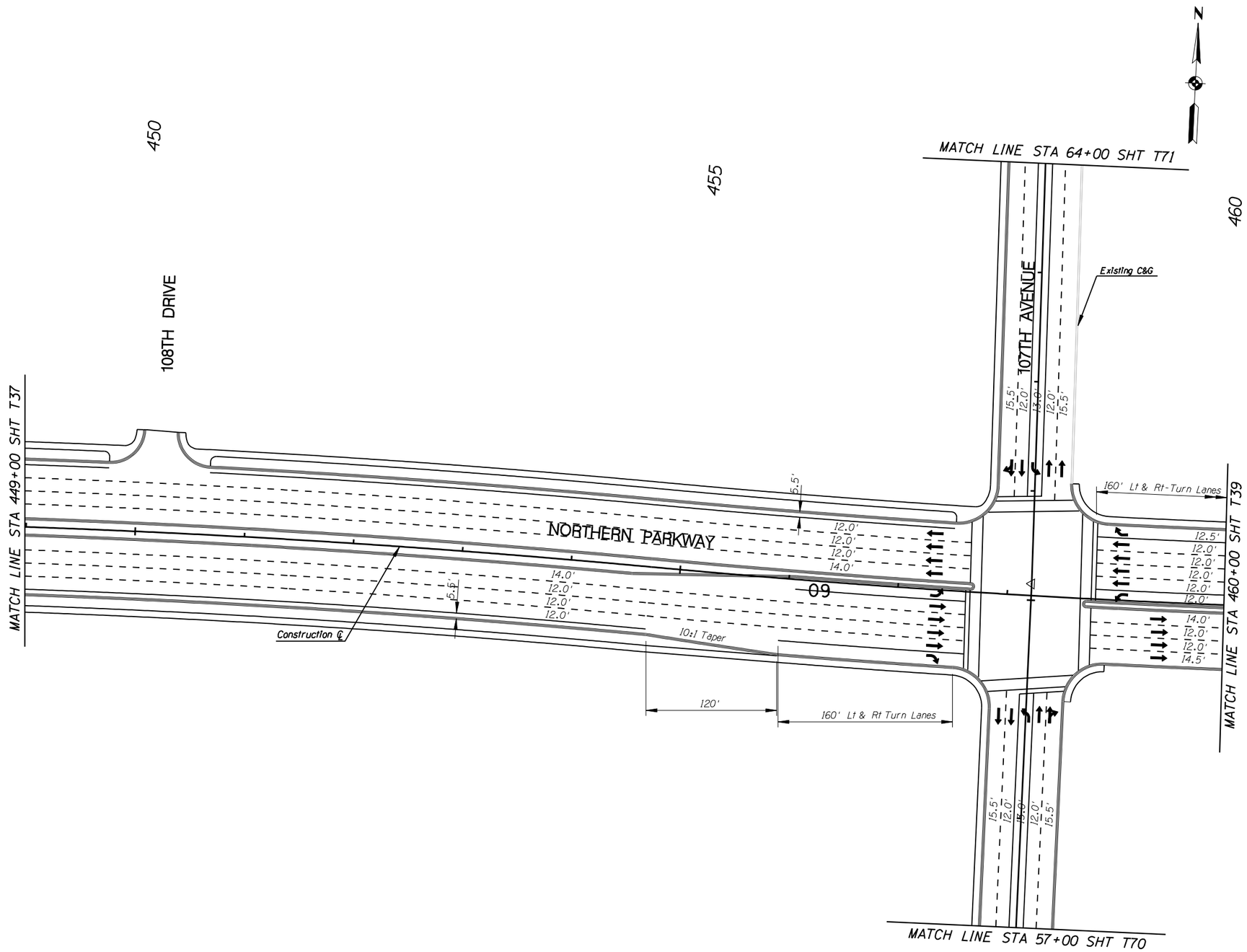
STRIPING PLAN
STA 339+00 TO STA 349+00

SHEET T37

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr38.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

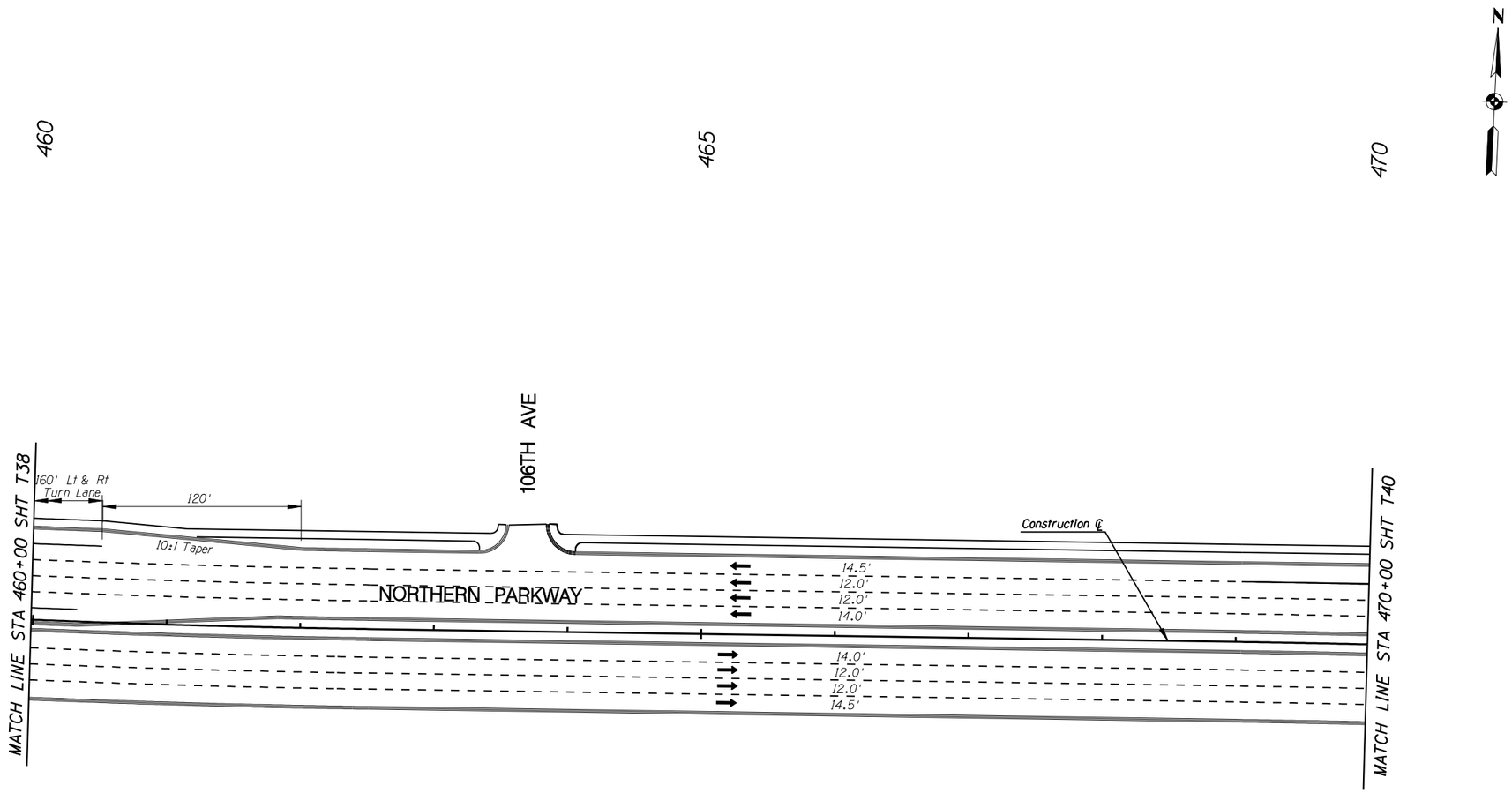
STRIPING PLAN
STA 449+00 TO STA 460+00

SHEET
T38

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr39.dgn

English



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 460+00 TO STA 470+00

SHEET
T39

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr40.dgn

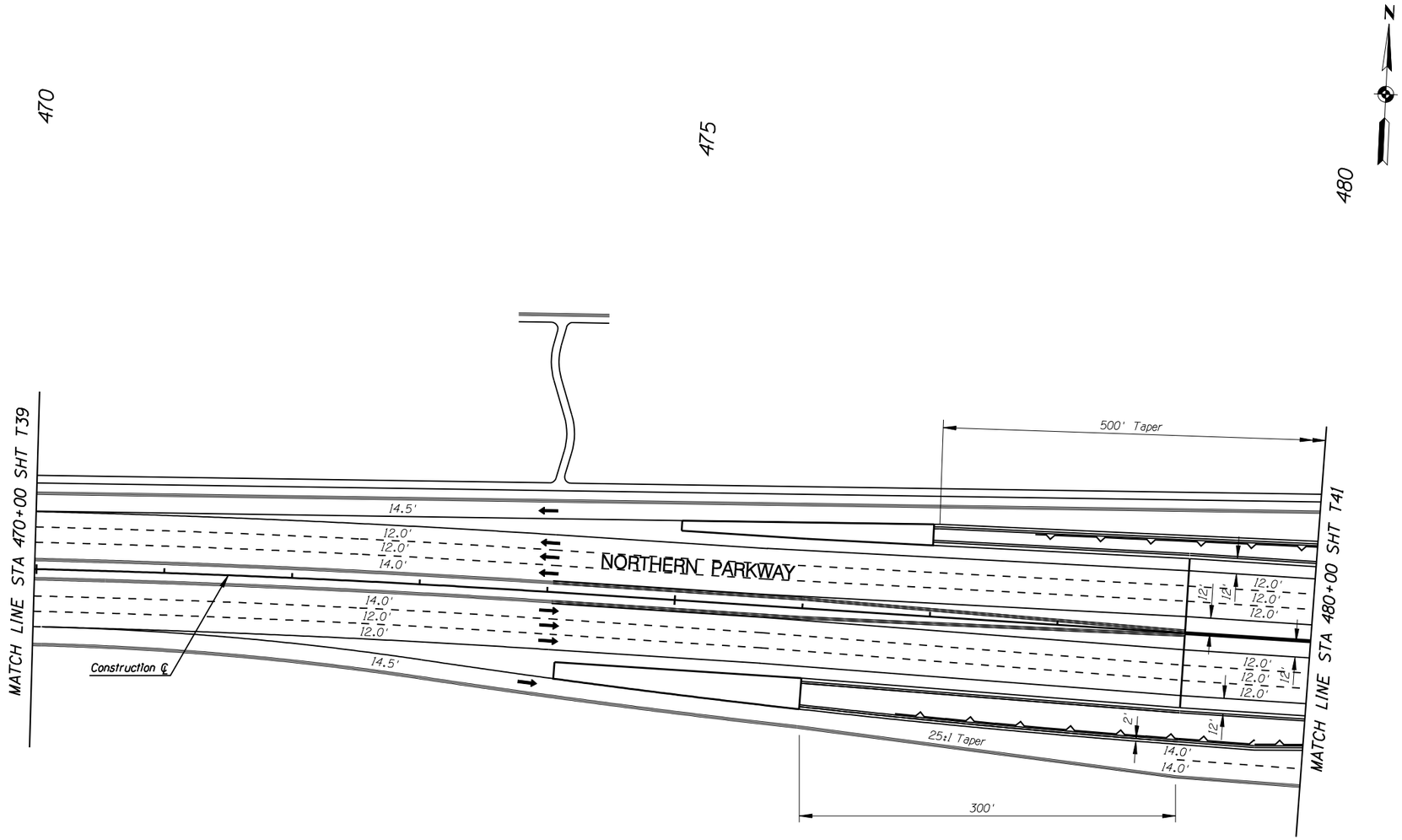
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 470+00 TO STA 480+00

SHEET T40

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr41.dgn

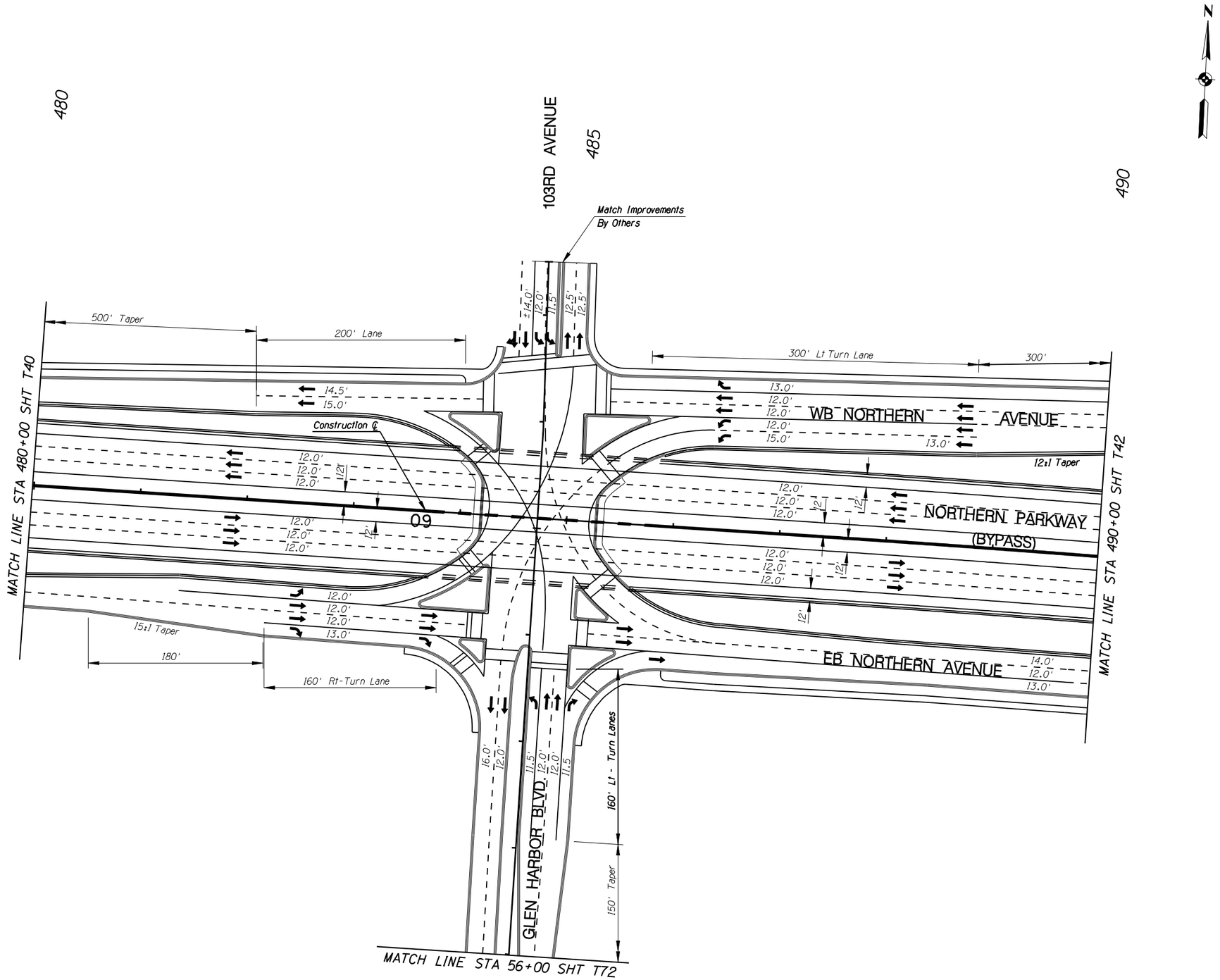
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

PLAN & PROFILE
STA 480+00 TO STA 490+00

SHEET T41

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr42.dgn

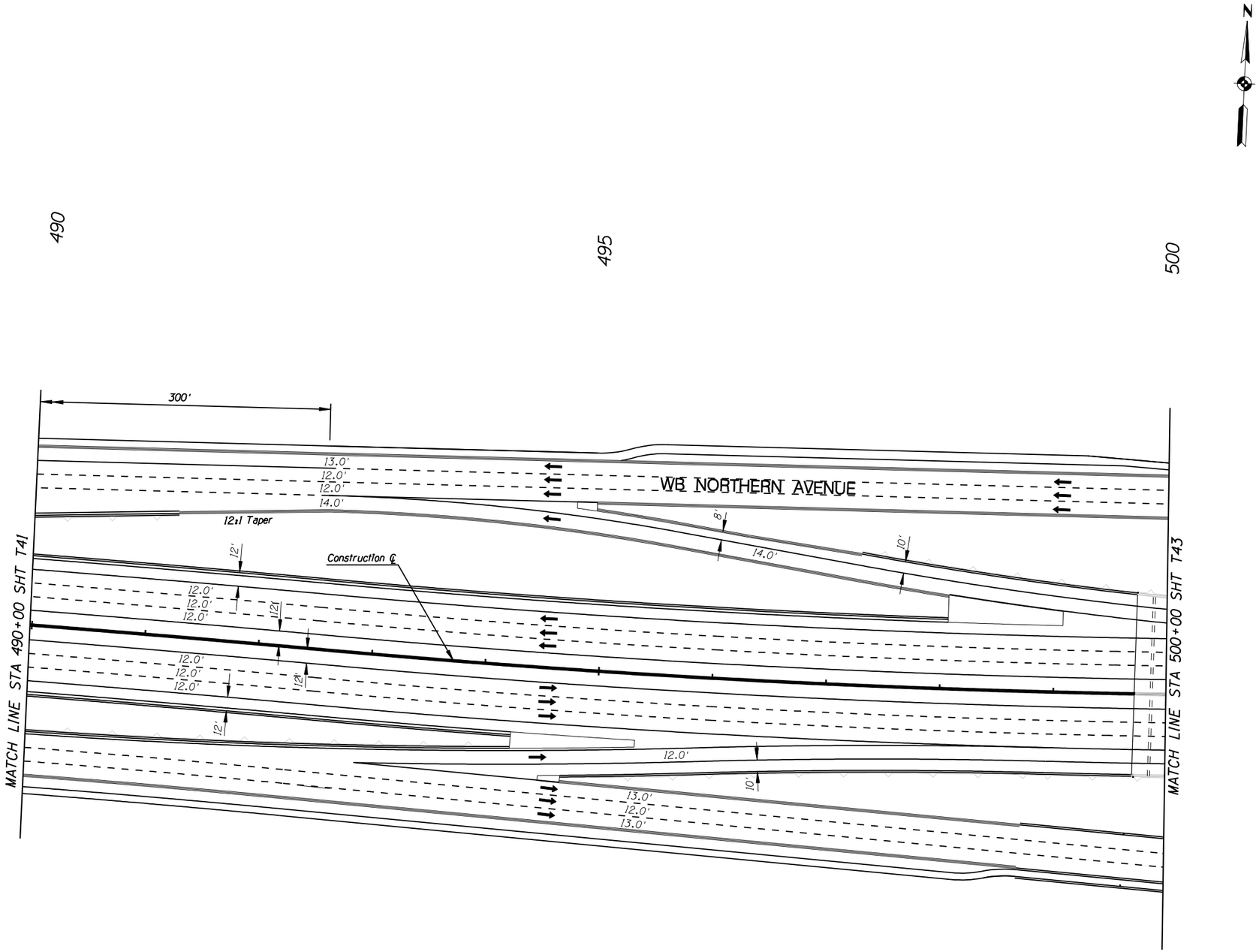
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

PLAN & PROFILE
STA 490+00 TO STA 500+00

SHEET
T42

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr43.dgn

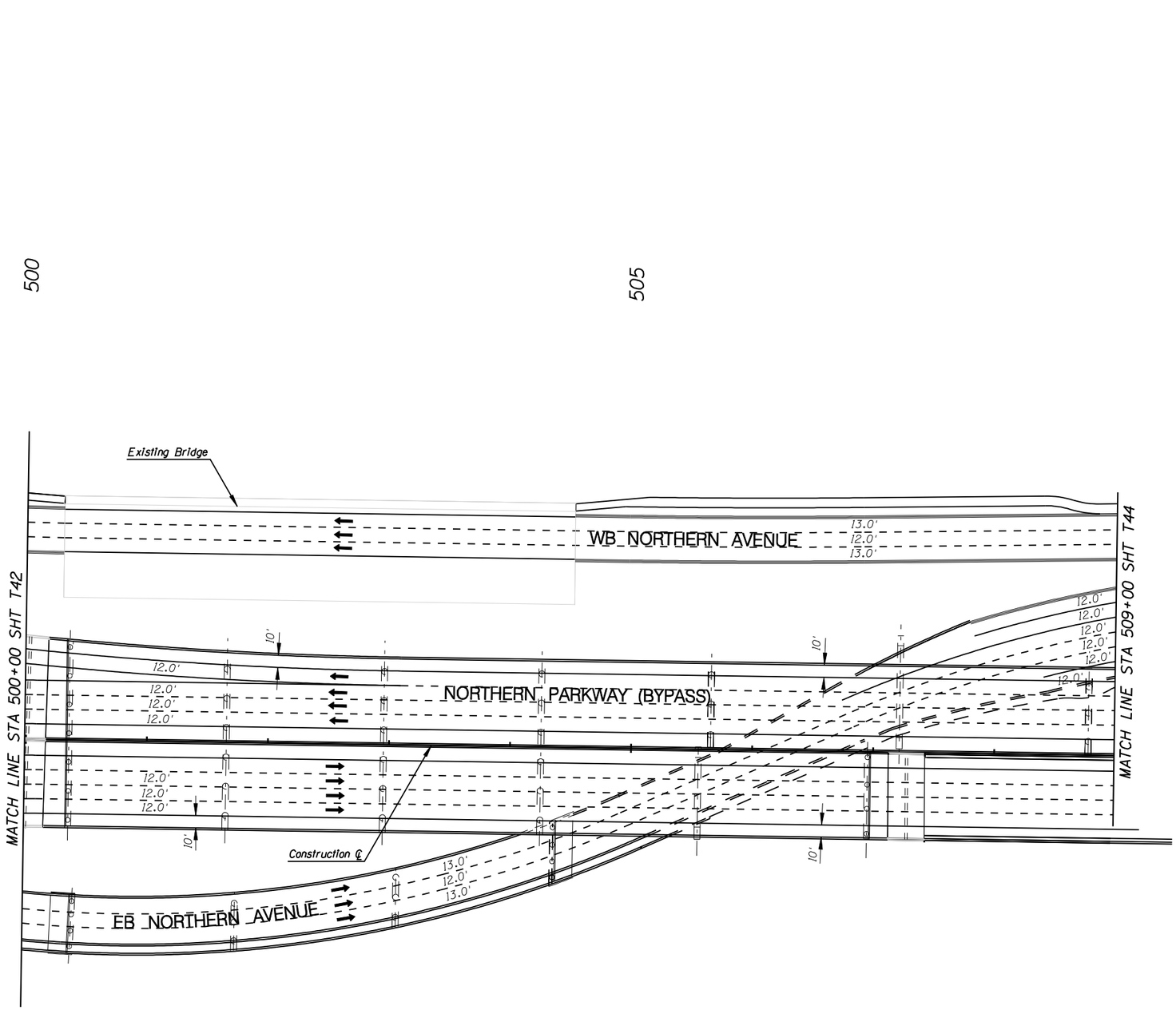
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 500+00 TO STA 509+00

SHEET T43

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr44.dgn

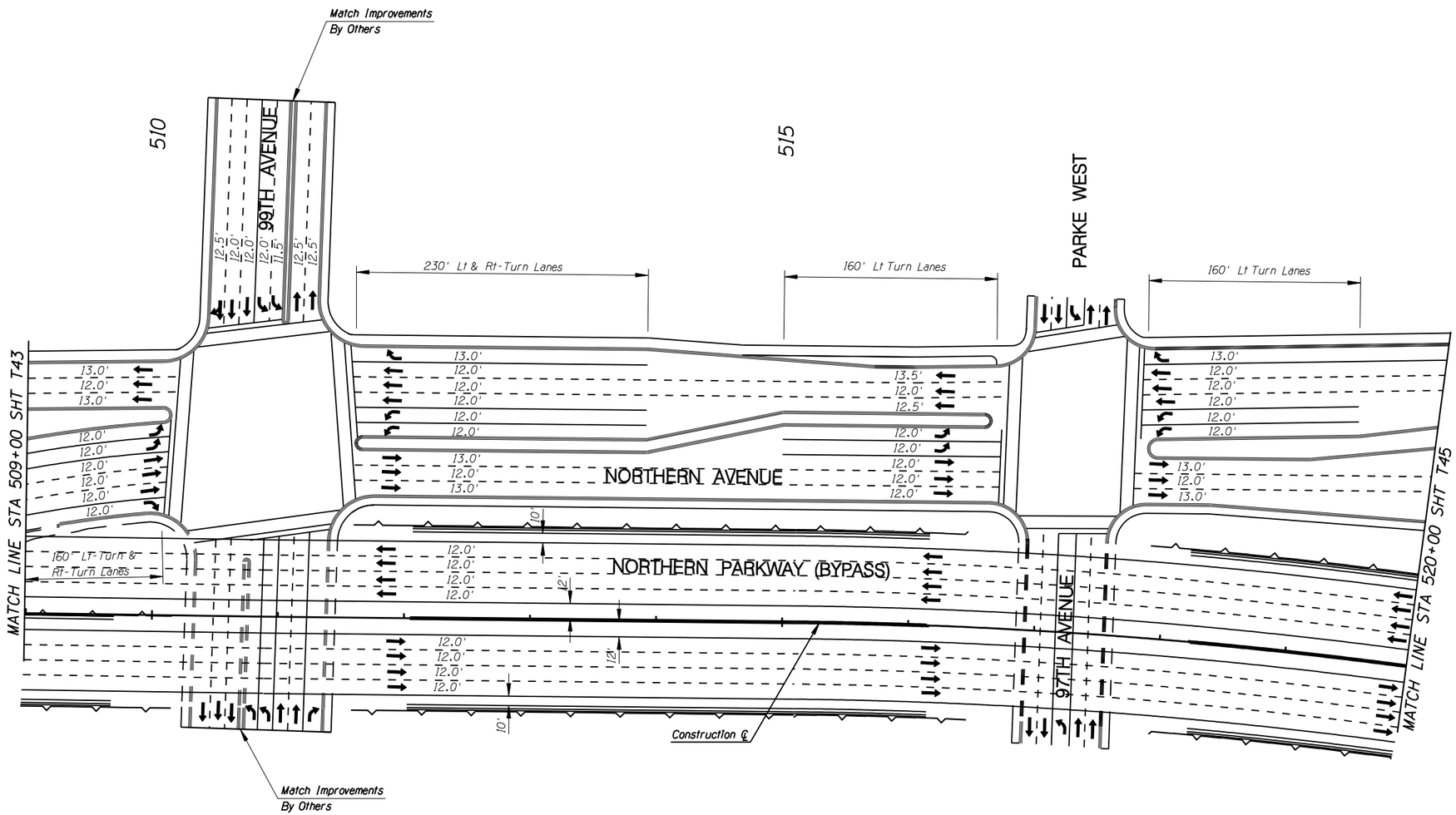
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

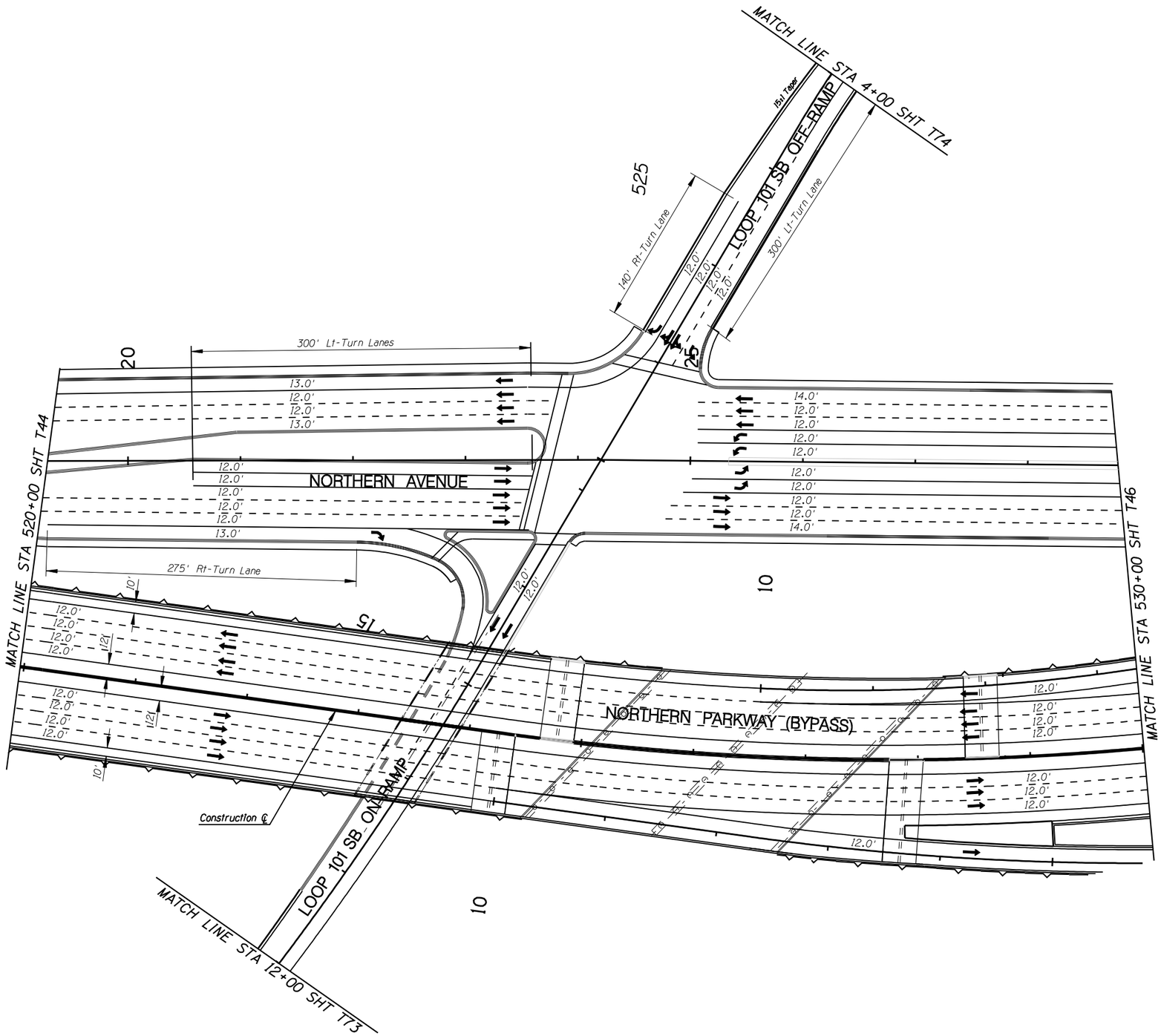
STRIPING PLAN
STA 509+00 TO STA 520+00

SHEET
T44

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr45.dgn


MATCH LINE STA 4+00 SHT T74
15:1 Taper
LOOP 101 SB OFF-RAMP
525
140' Rt-Turn Lane
300' Lt-Turn Lane
12.0'
12.0'
12.0'
300' Lt-Turn Lanes
20
25
13.0'
12.0'
12.0'
13.0'
14.0'
12.0'
12.0'
12.0'
12.0'
12.0'
12.0'
12.0'
12.0'
12.0'
14.0'
NORTHERN AVENUE
MATCH LINE STA 520+00 SHT T44
MATCH LINE STA 530+00 SHT T46
13.0'
275' Rt-Turn Lane
10'
10
15
12.0'
12.0'
12.0'
12.0'
12.0'
12.0'
12.0'
12.0'
12.0'

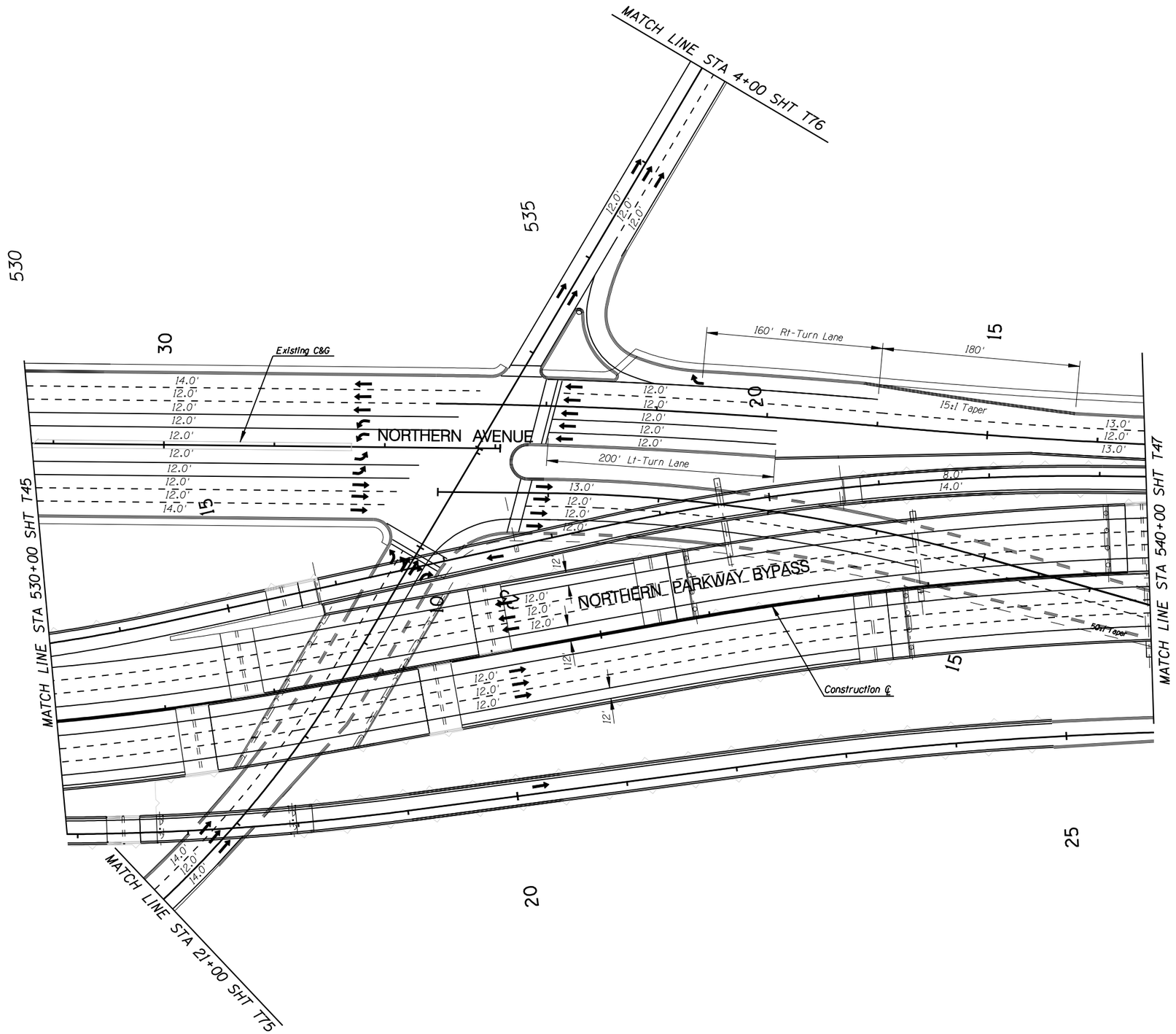
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 530+00 TO STA 540+00

SHEET T46

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr47.dgn

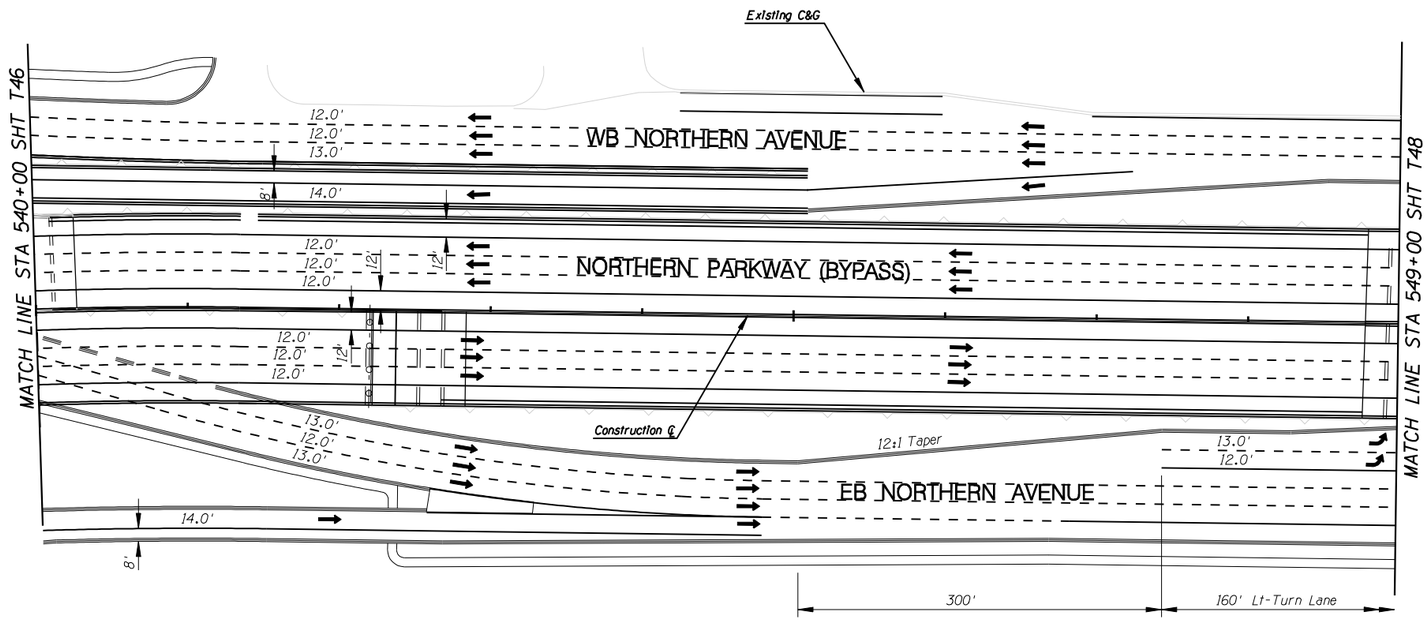
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

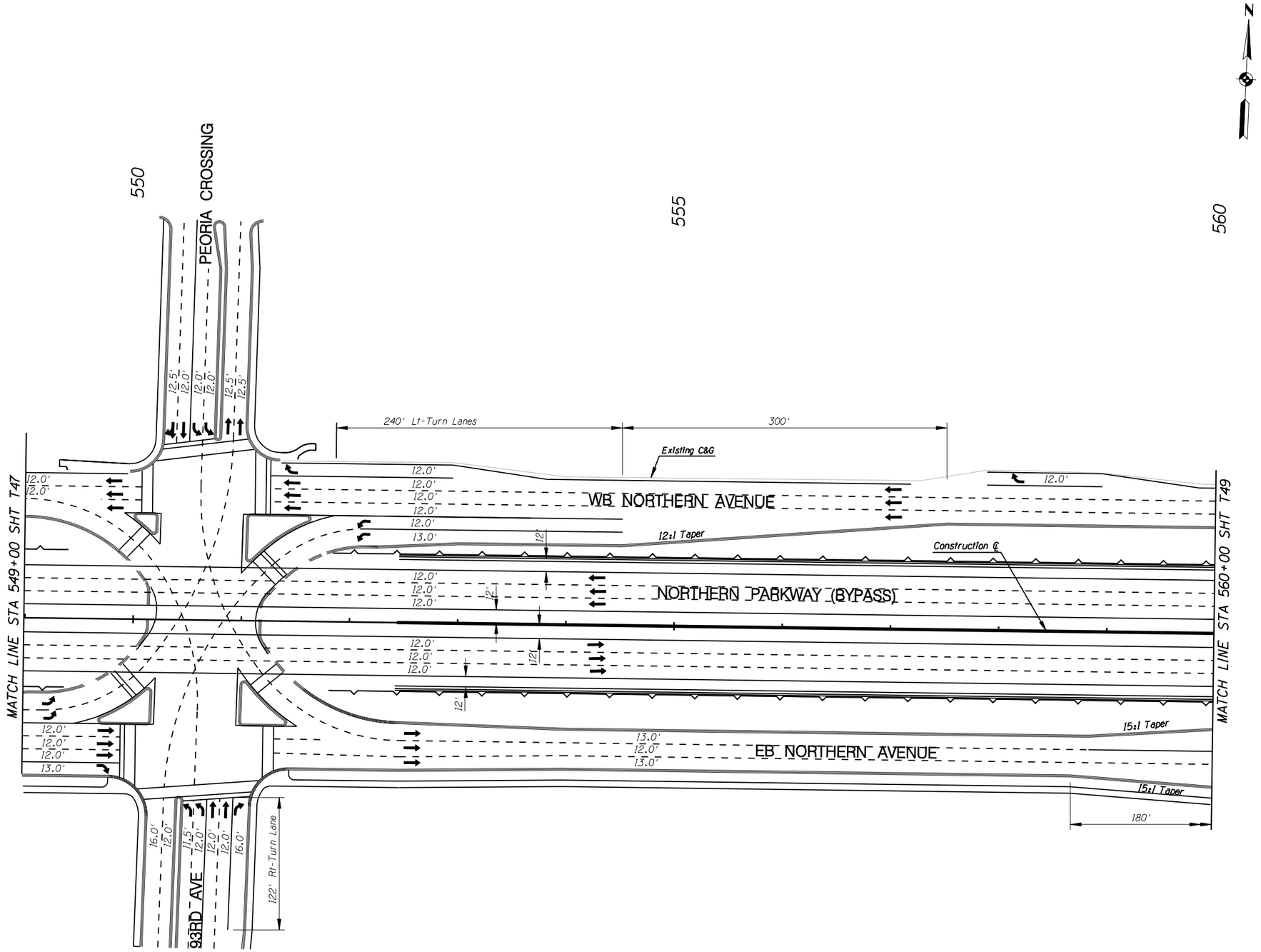
STRIPING PLAN
STA 540+00 TO STA 549+00

SHEET
T47

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\T108tr48.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

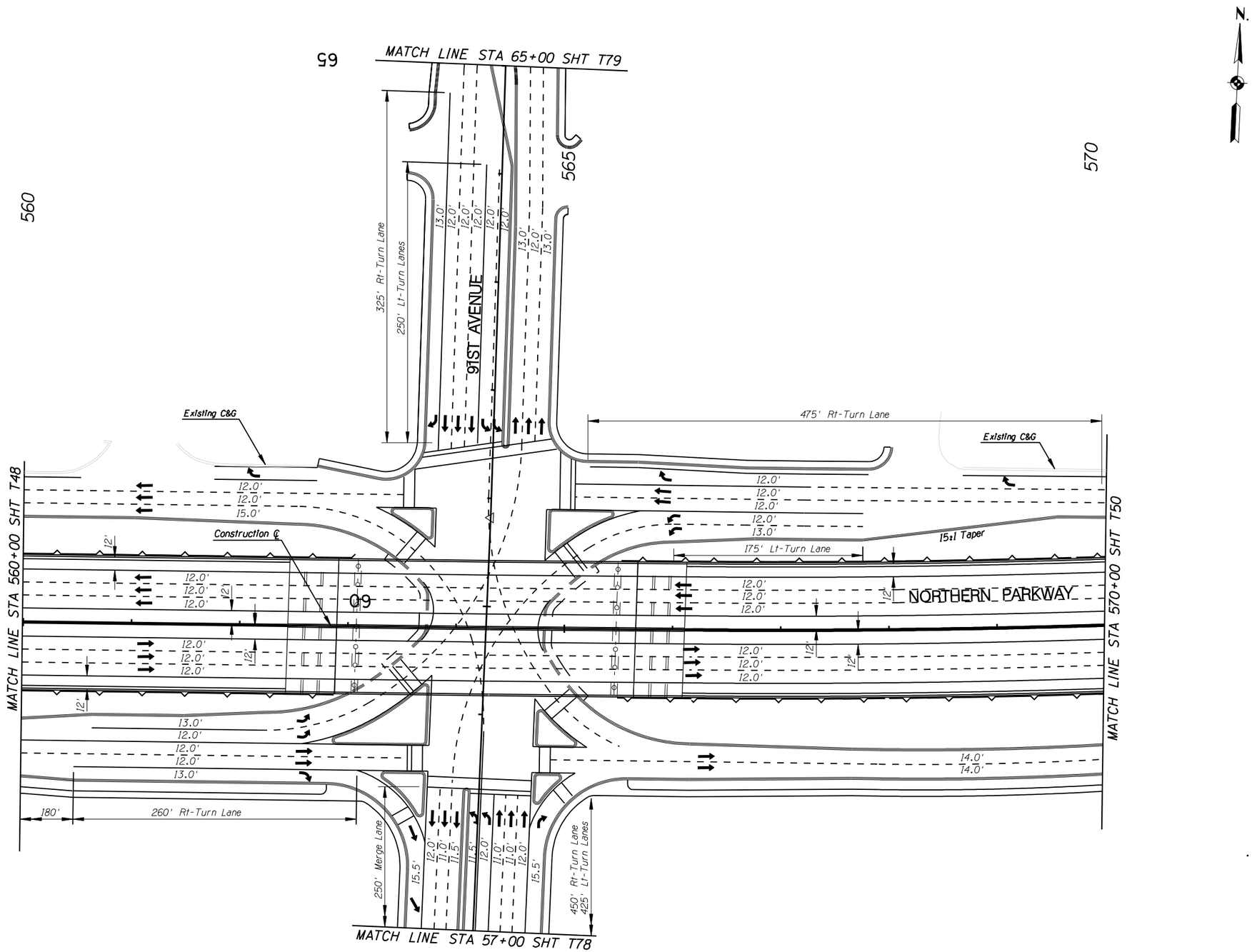
STRIPING PLAN
STA 549+00 TO STA 560+00

SHEET T48

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\T108tr49.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

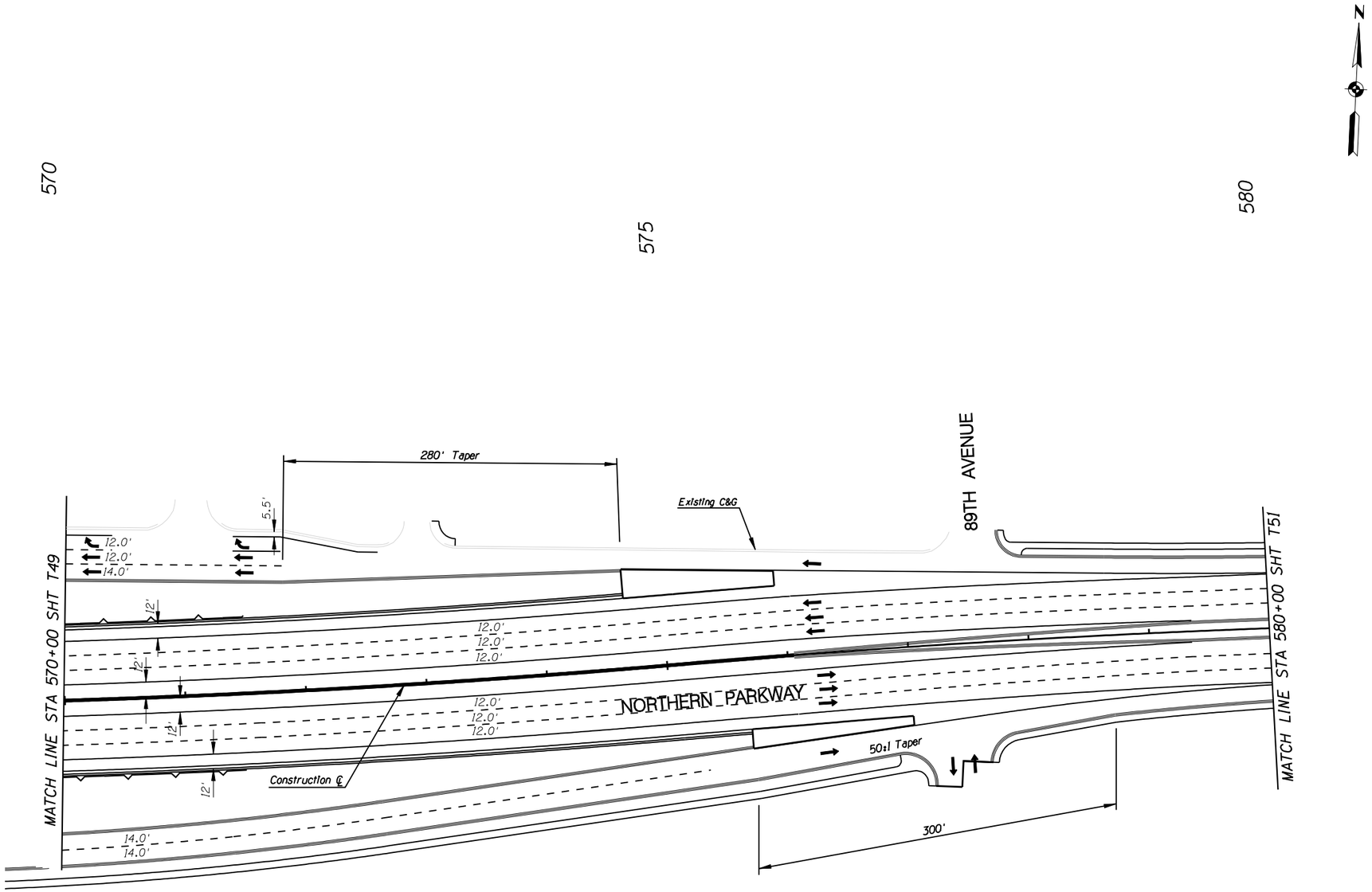
STRIPING PLAN
STA 560+00 TO STA 570+00

SHEET T49

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr50.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

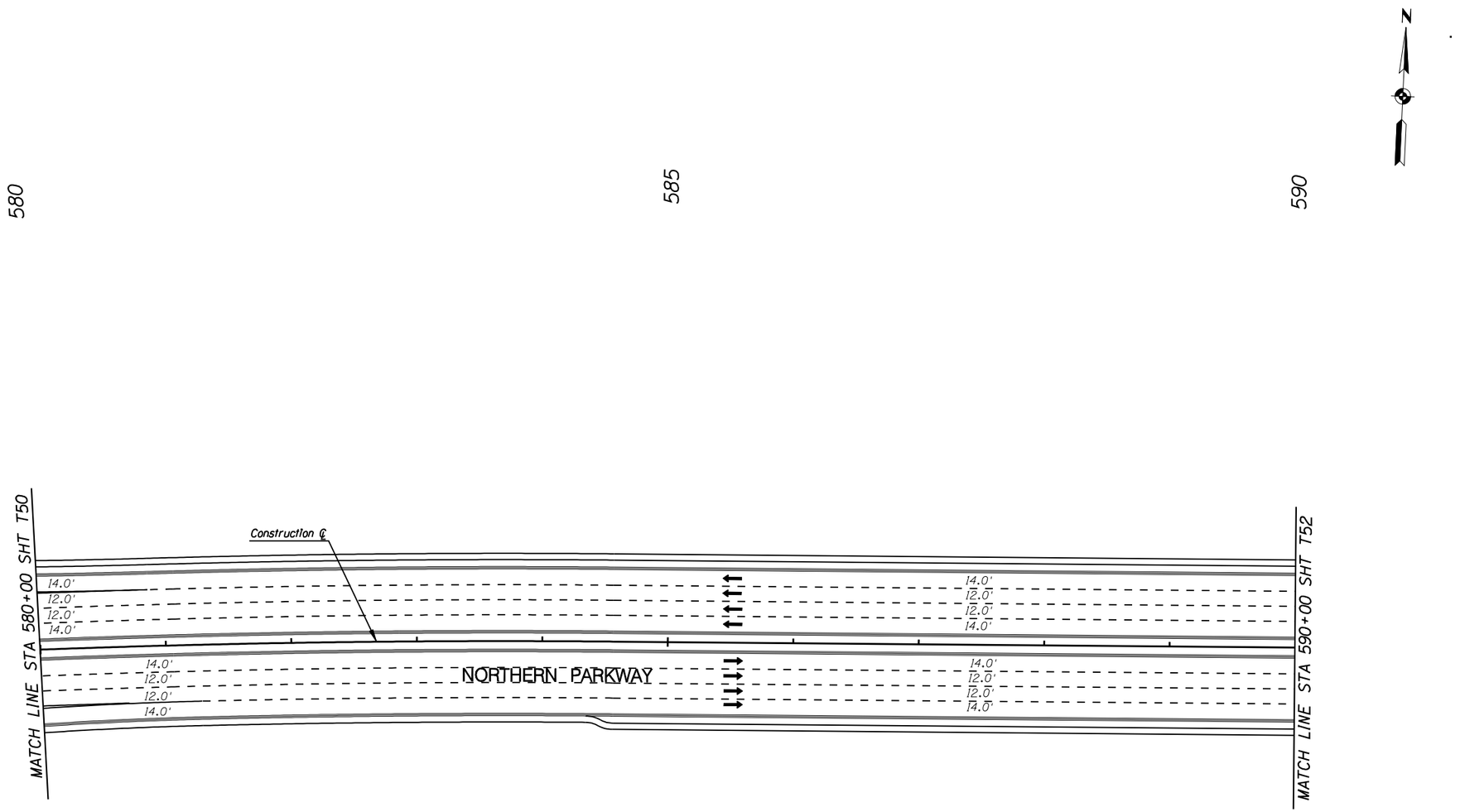
STRIPING PLAN
STA 570+00 TO STA 580+00

SHEET T50

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr51.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

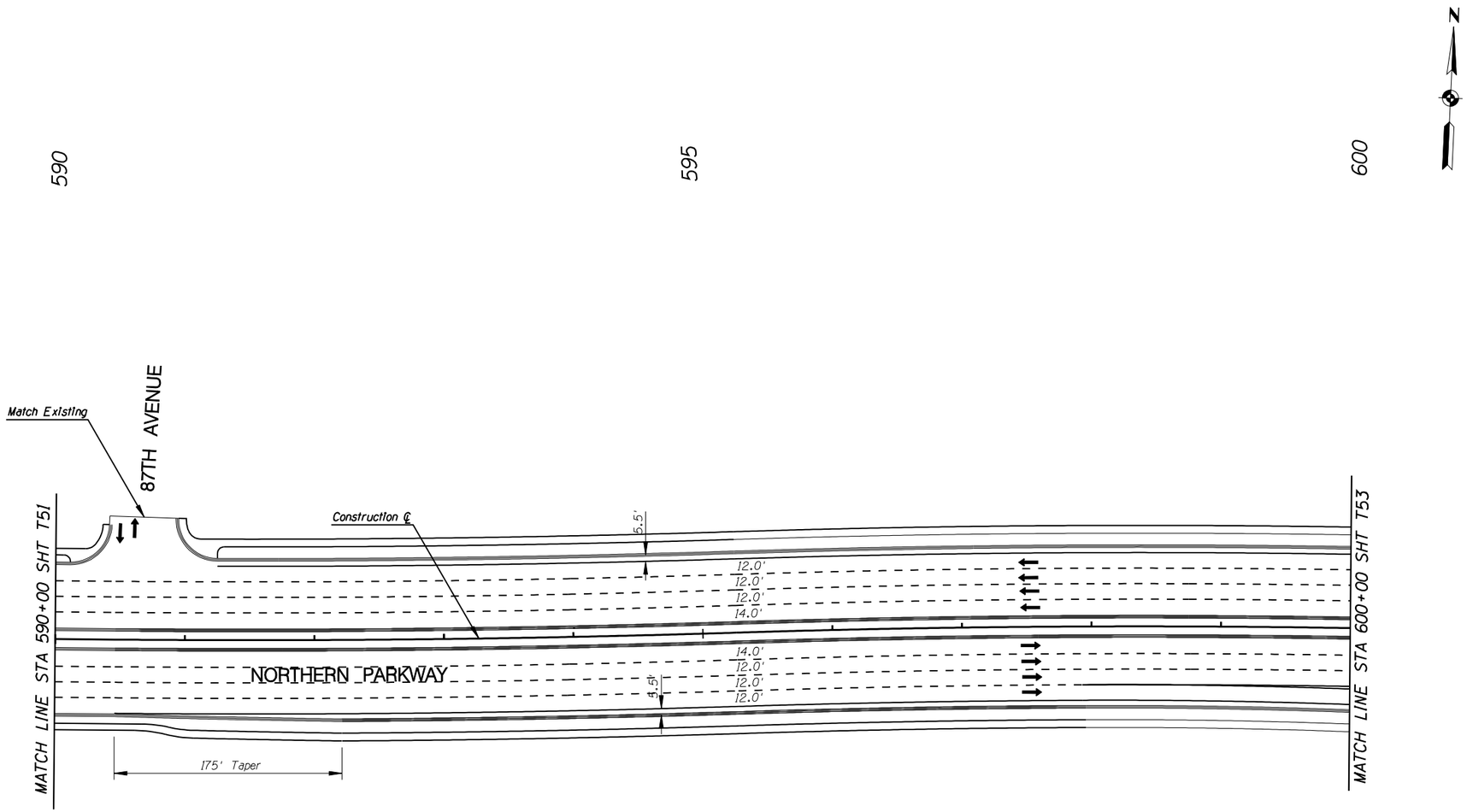
STRIPING PLAN
STA 580+00 TO STA 590+00

SHEET
T51

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\T108tr52.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 590+00 TO STA 600+00

SHEET T52

TRACS NO. 0000 MA MMA SS593 01C

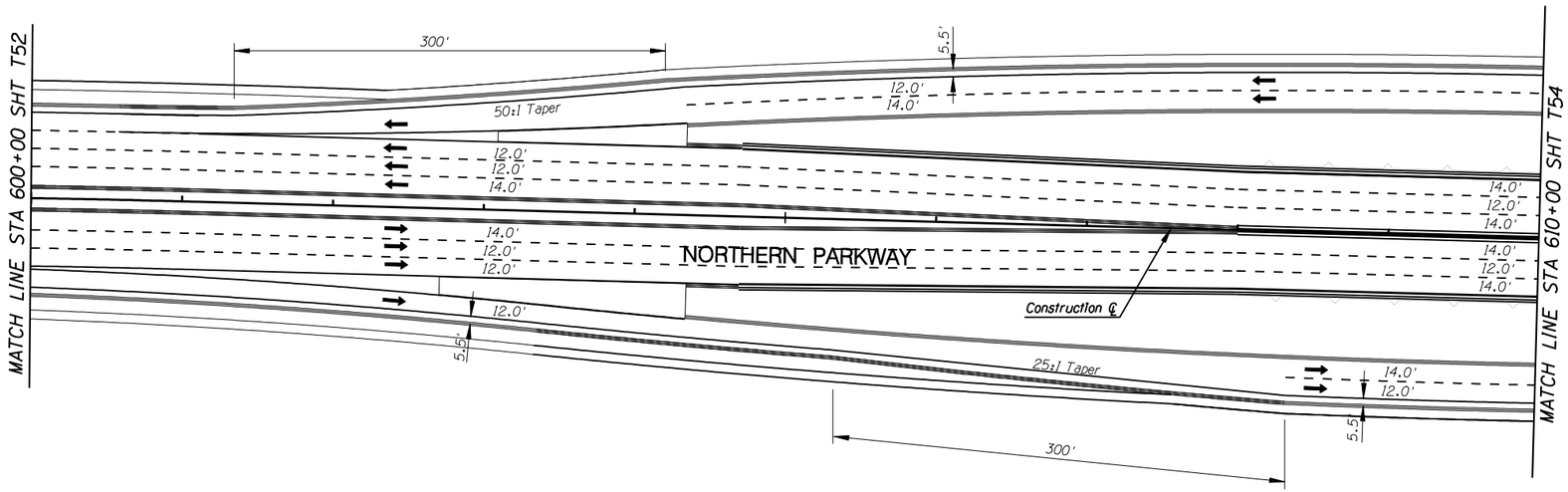
English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr53.dgn

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

☐ **REMOVAL /RELOCATE** ☐

1



○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 600+00 TO STA 610+00

SHEET T53

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*T1108tr54.dgn

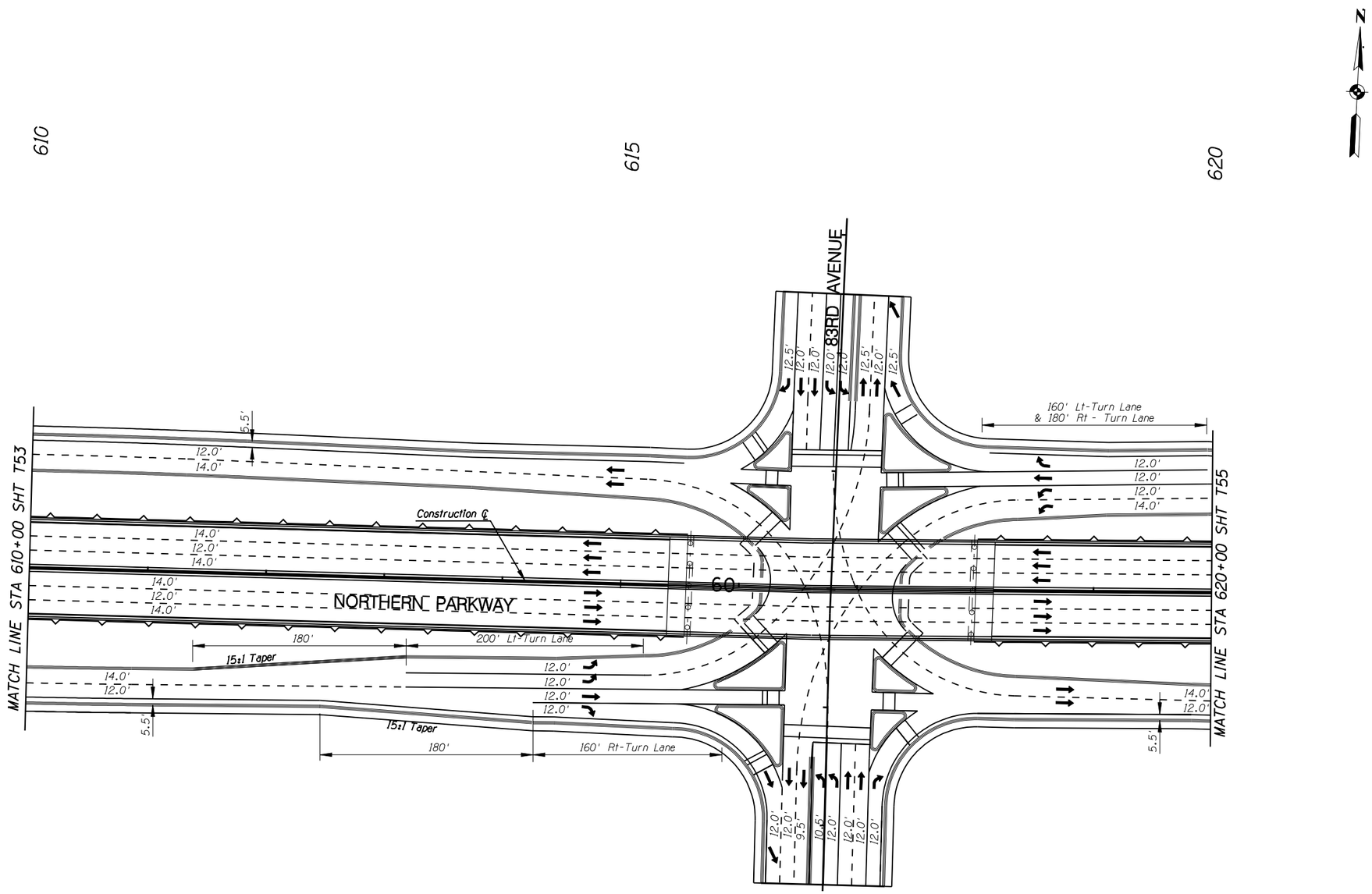
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

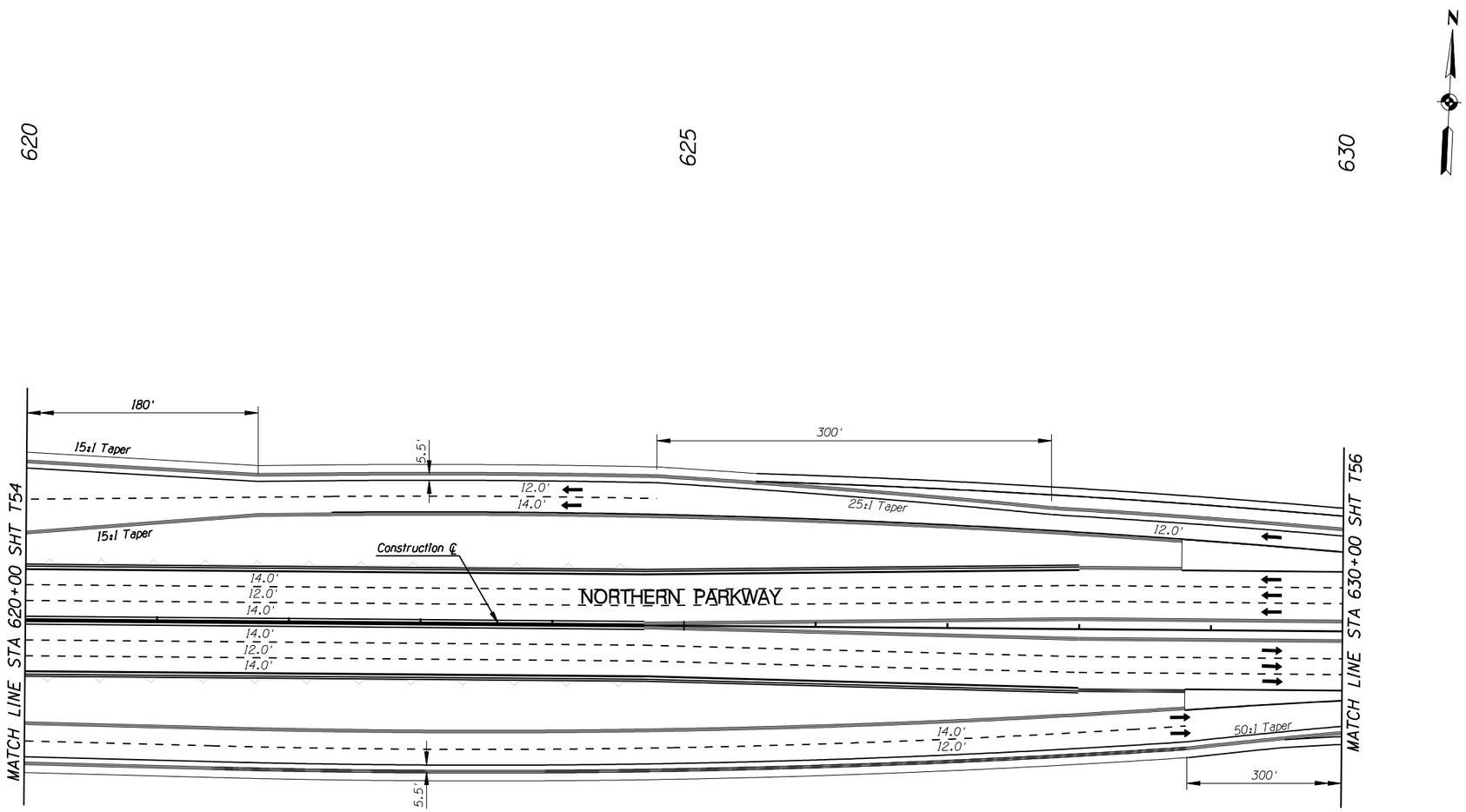
STRIPING PLAN
STA 610+00 TO STA 620+00

SHEET
T54

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr55.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

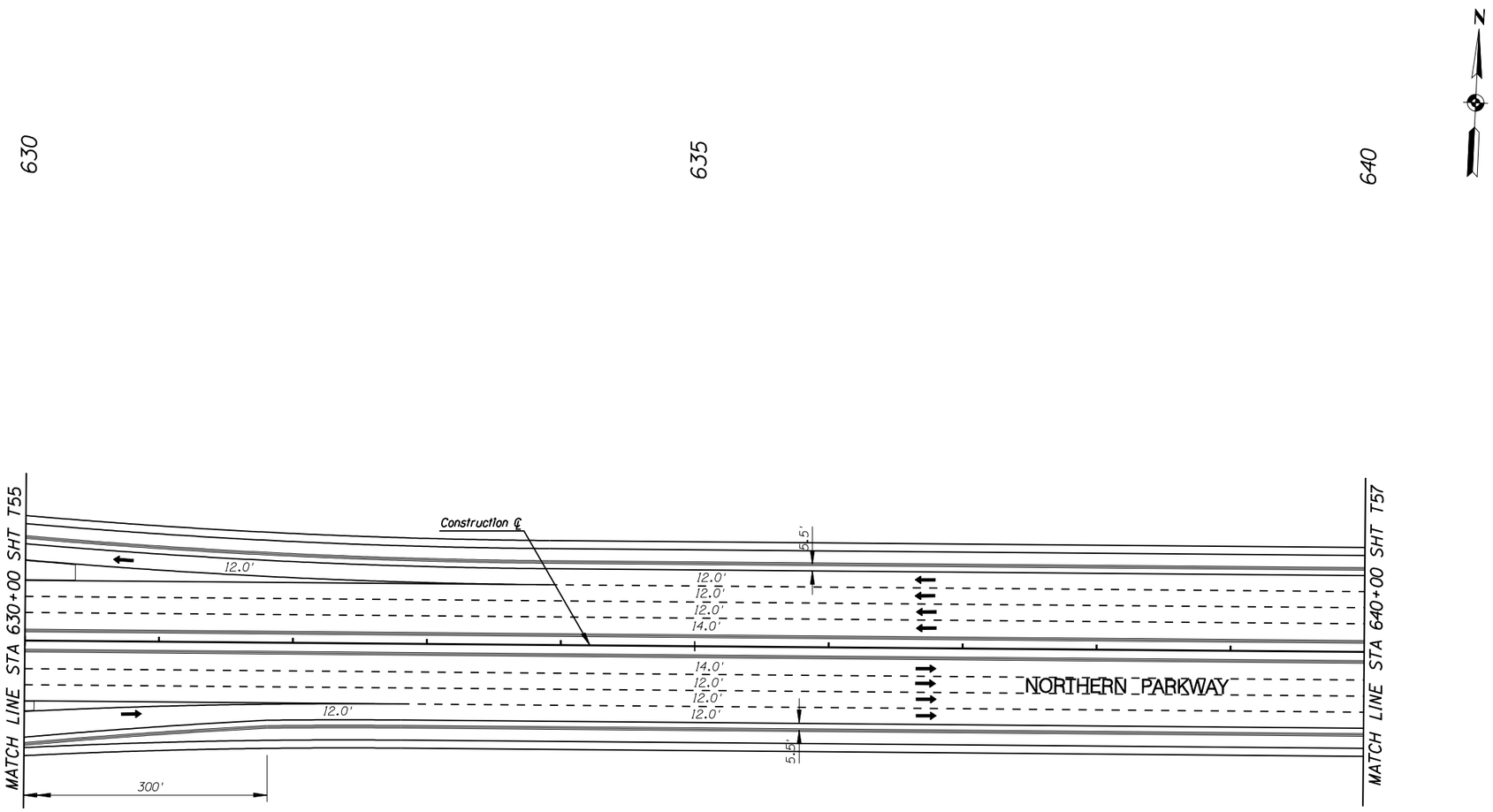
STRIPING PLAN
STA 620+00 TO STA 630+00

SHEET T55

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr56.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

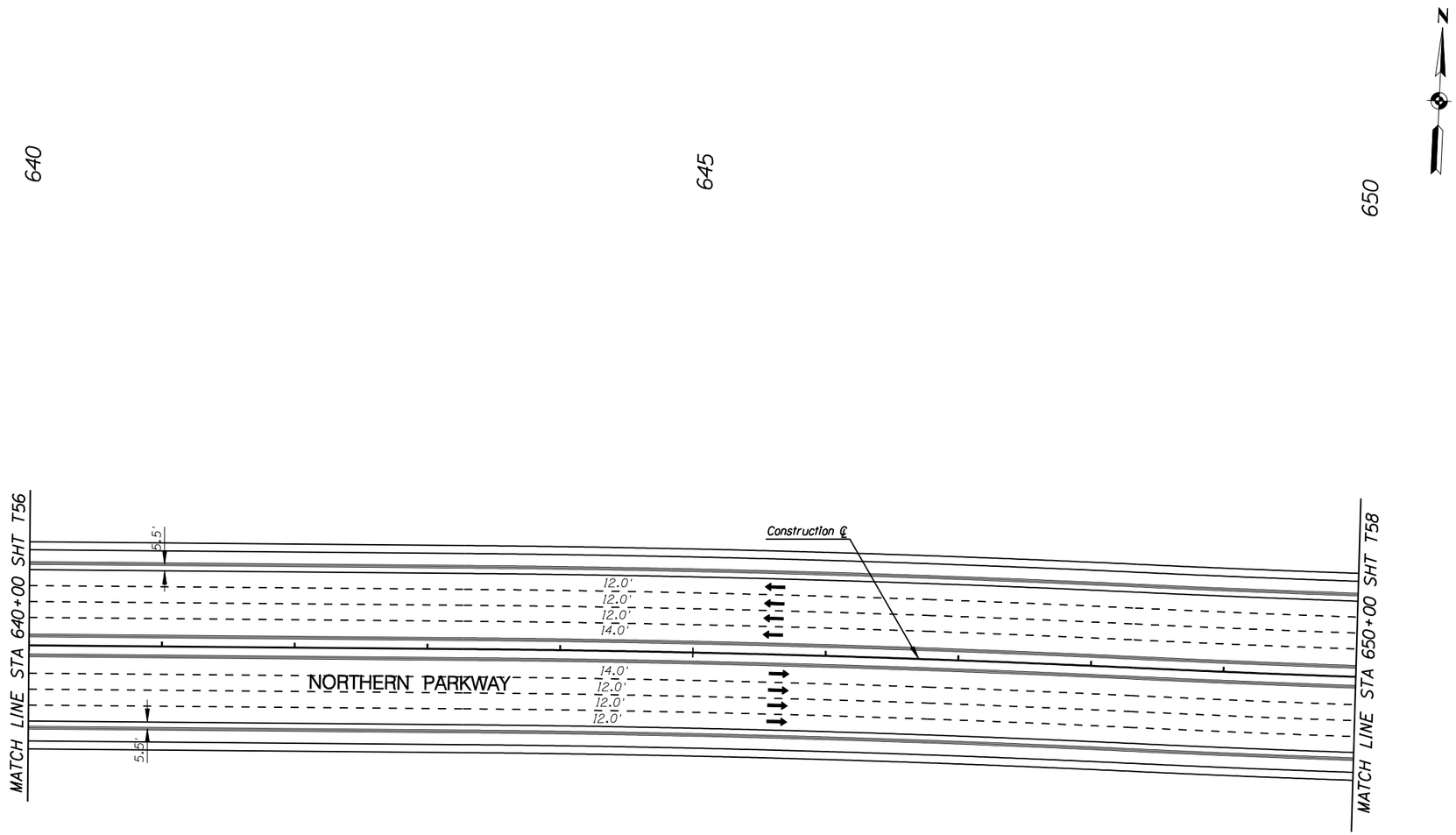
STRIPING PLAN
STA 630+00 TO STA 640+00

SHEET
T56

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr57.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 640+00 TO STA 650+00

SHEET T57

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr58.dgn

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

☐ **REMOVAL /RELOCATE** ☐

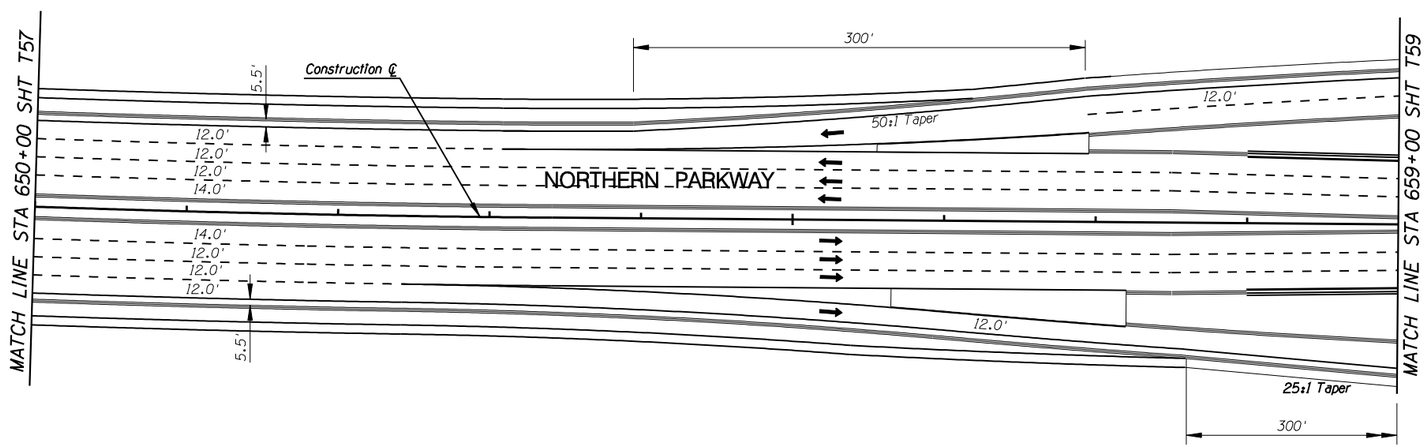
1

○ **CONSTRUCTION** ○

1

650

655



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 650+00 TO STA 659+00

SHEET
T58

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr59.dgn

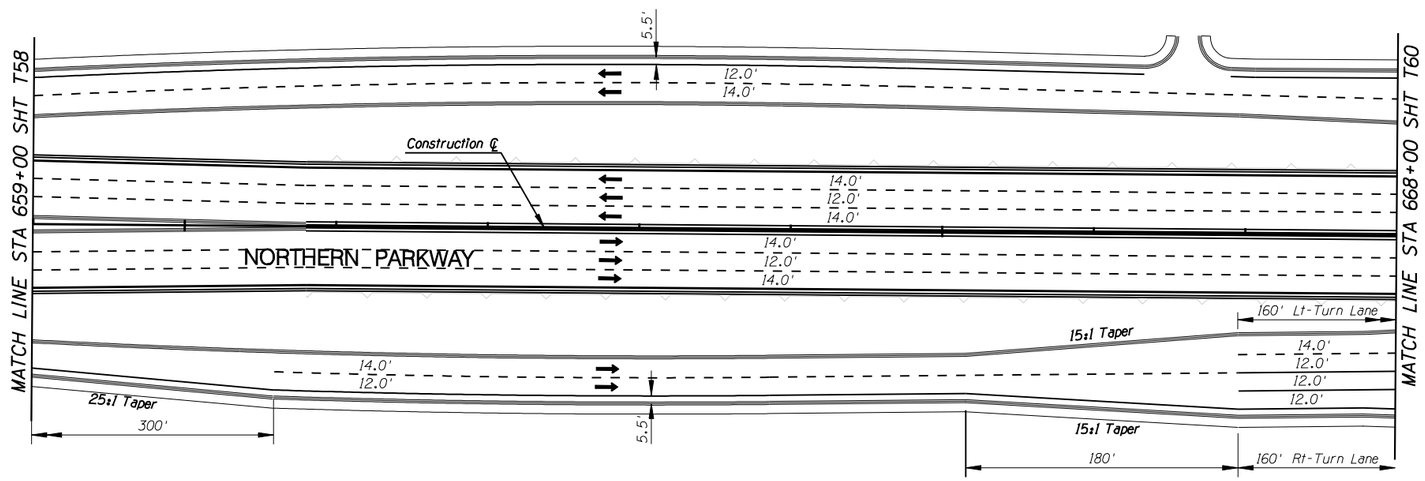
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

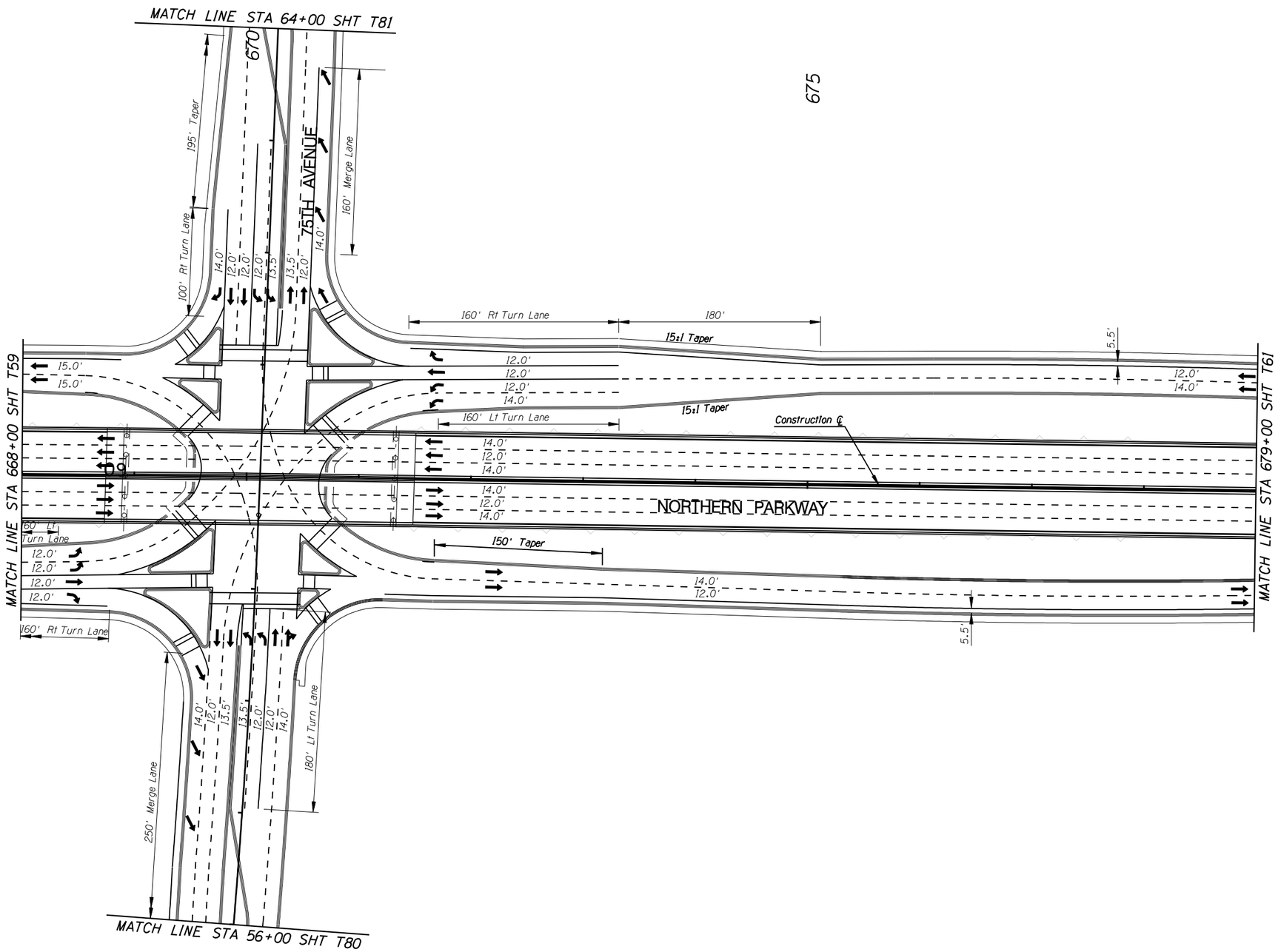
STRIPING PLAN
STA 659+00 TO STA 668+00

SHEET T59

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr60.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

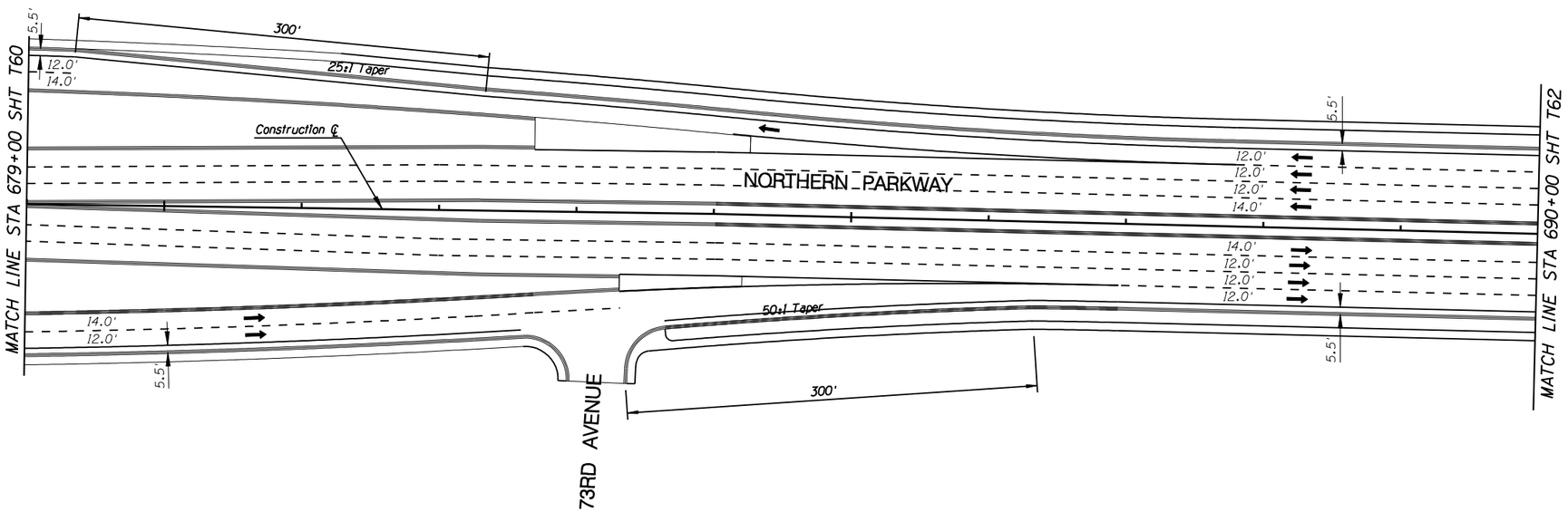
STRIPING PLAN
STA 668+00 TO STA 679+00

SHEET T60

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr61.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 679+00 TO STA 690+00

SHEET T61

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr62.dgn

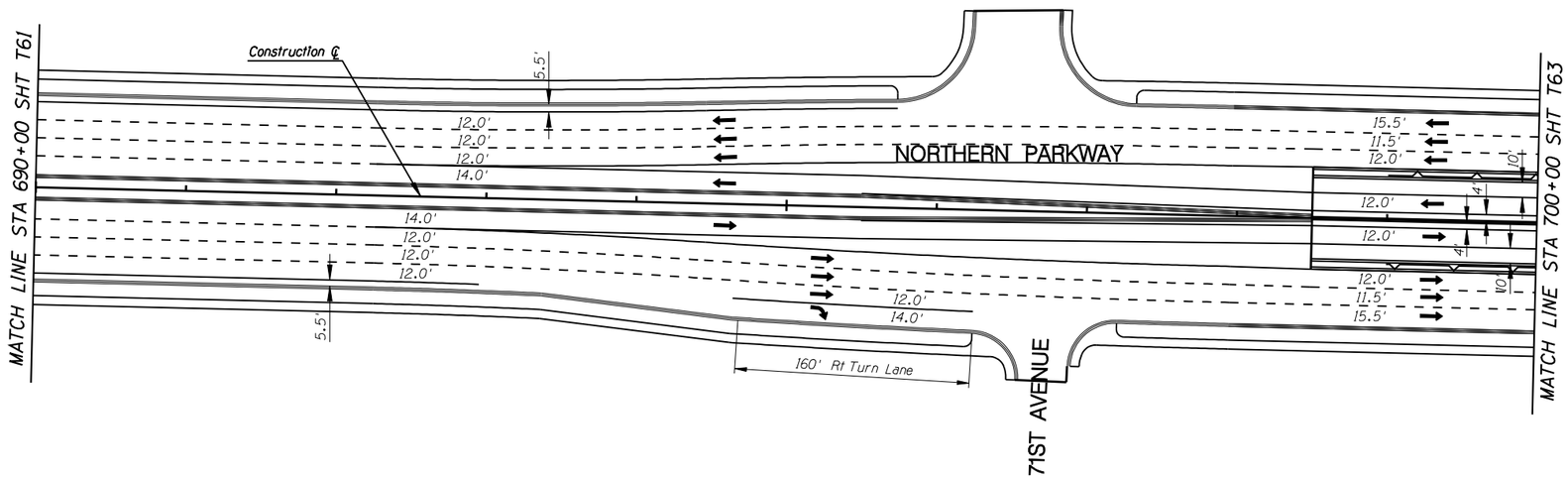
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

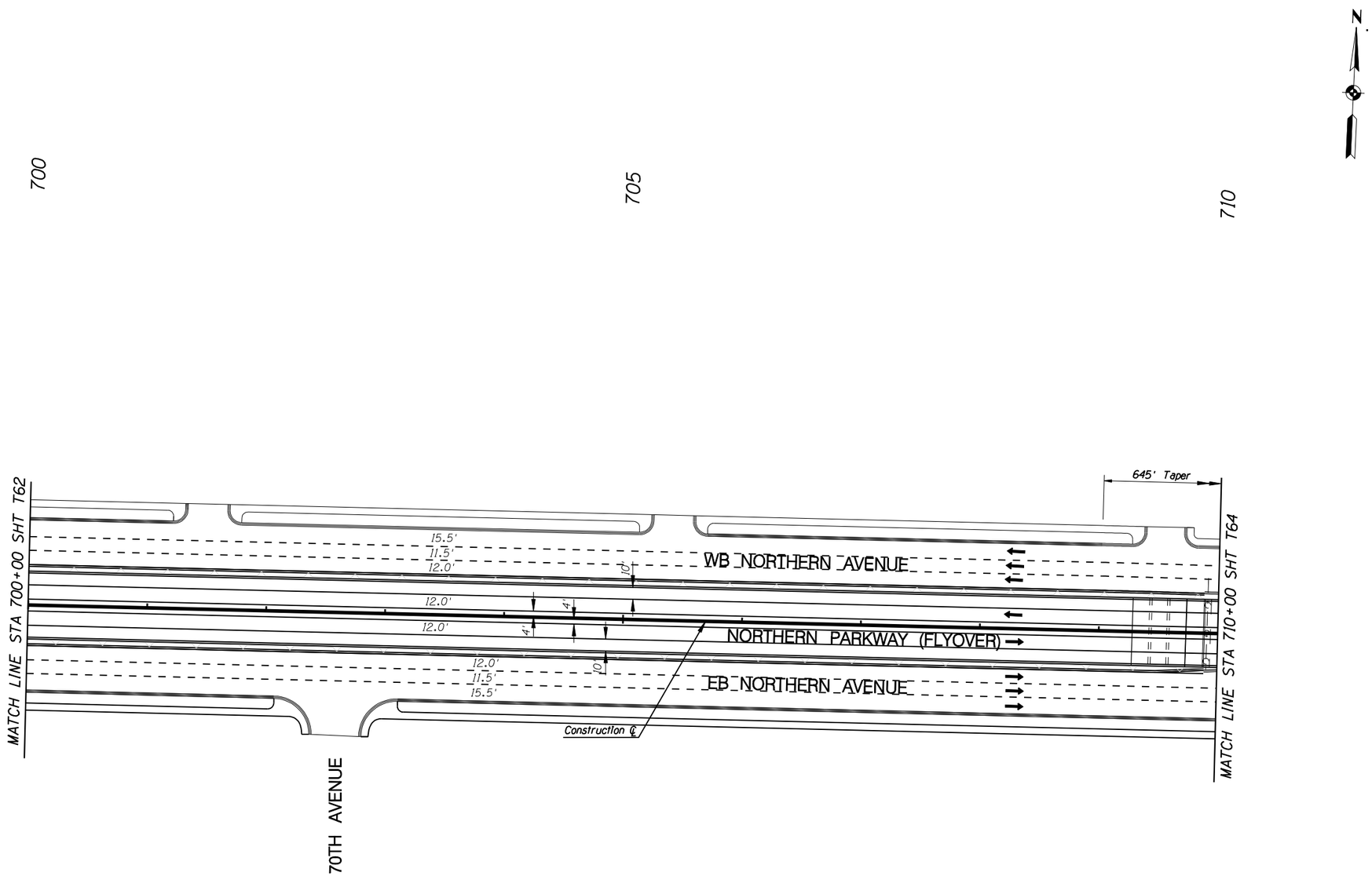
STRIPING PLAN
STA 690+00 TO STA 700+00

SHEET
T62

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr63.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

STRIPING PLAN
STA 700+00 TO STA 710+00

SHEET T63

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr64.dgn

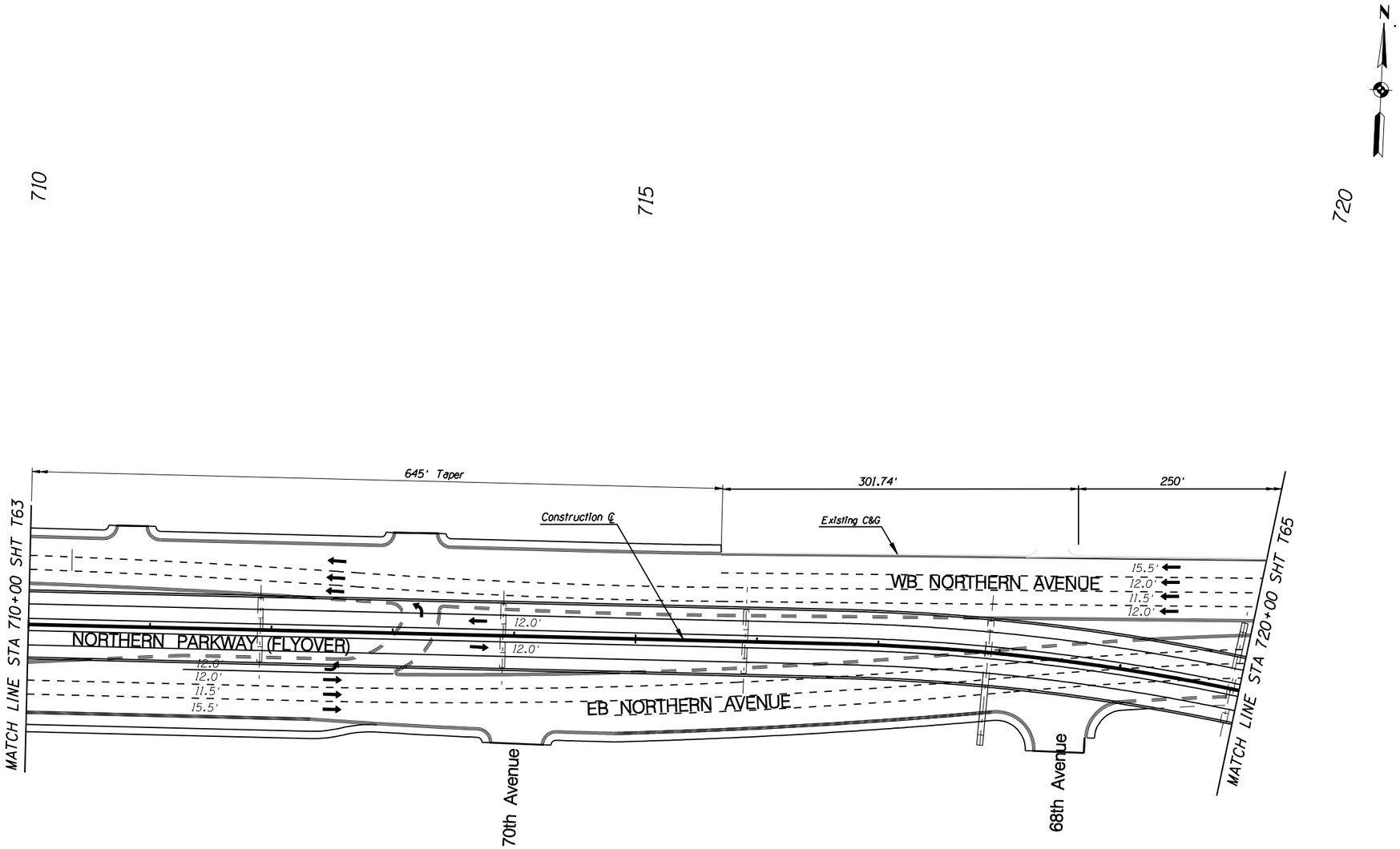
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

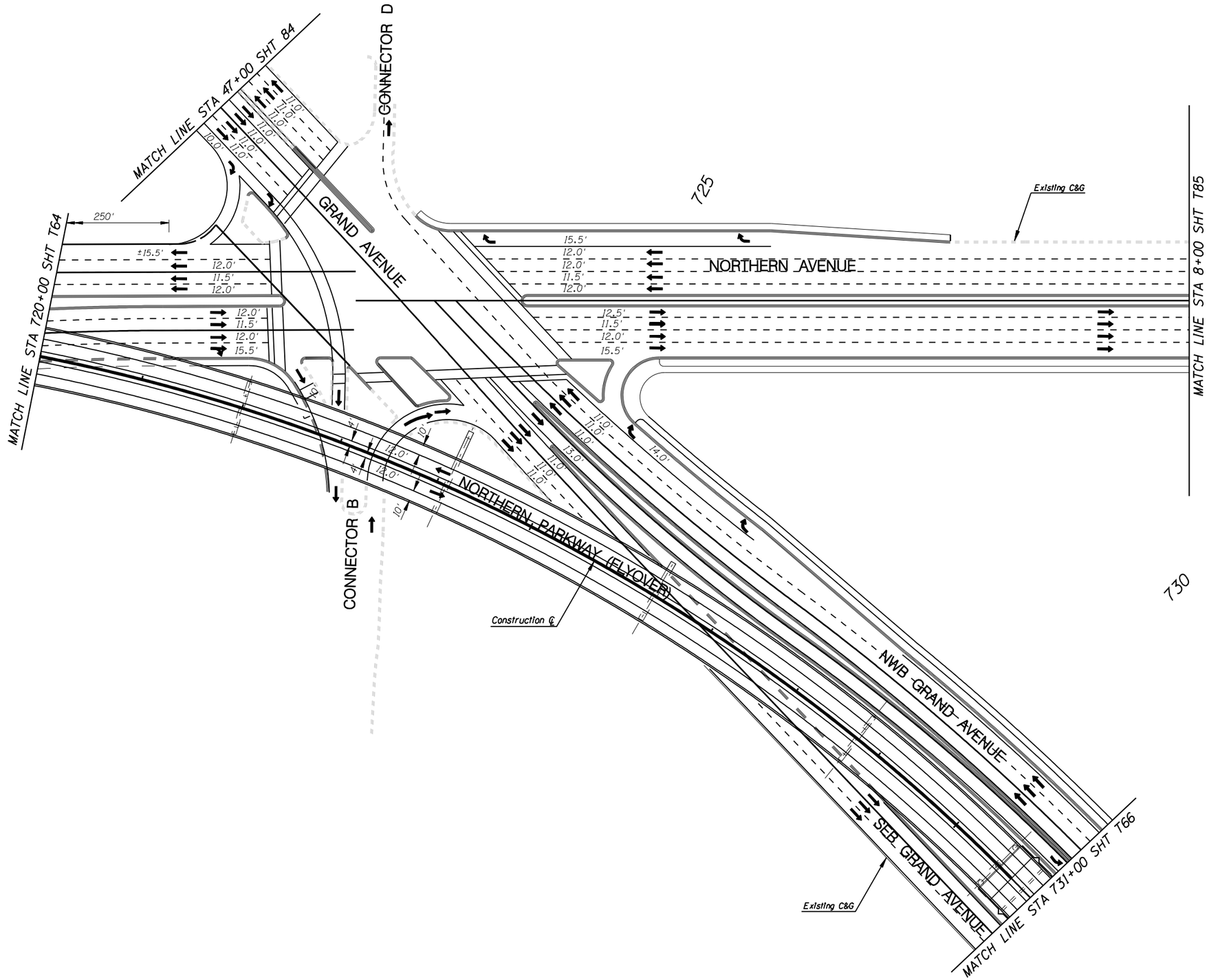
STRIPING PLAN
STA 710+00 TO STA 720+00

SHEET T64

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*T1108tr65.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

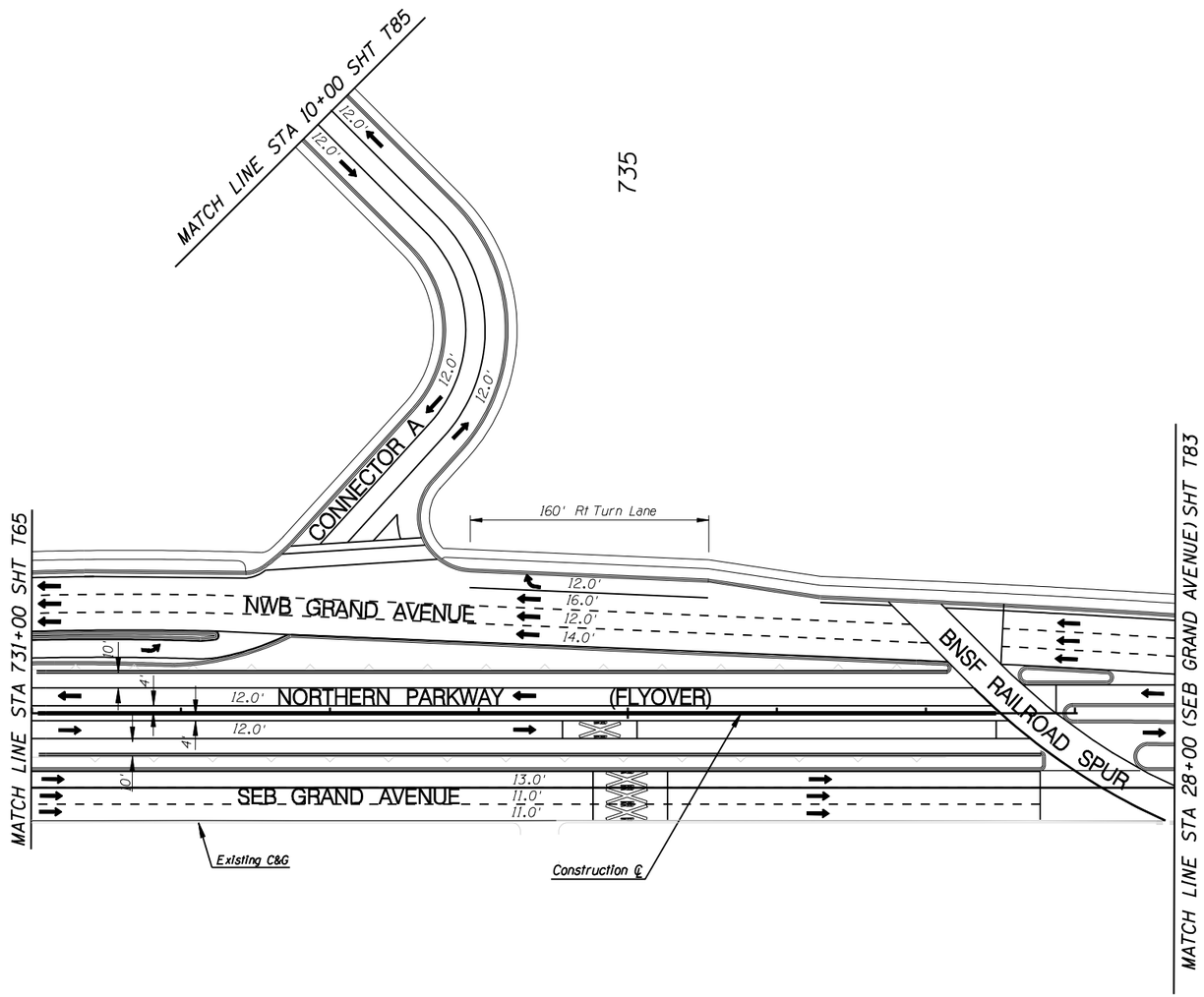
URS

STRIPING PLAN
STA 720+00 TO STA 731+00

SHEET T65

TRACS NO. 0000 MA MMA SS593 01C

6/8/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*Striping*TT108tr66.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	7/08
DRAWN	L WAGNER	7/08
CHECKED	R MILES	7/08

URS

STRIPING PLAN
STA 731+00 TO STA 738+00

SHEET T66

TRACS NO. 0000 MA MMA SS593 01C

English

6/8/2009 $TIME$
p:*TRANSPORTATION*City_of_Glendale*23445409_Glendale_Onboard_Trans_Program*Task 3 - Northern Parkway*CADD*Plans*Alternative 1*Striping*TT108tr67.dgn

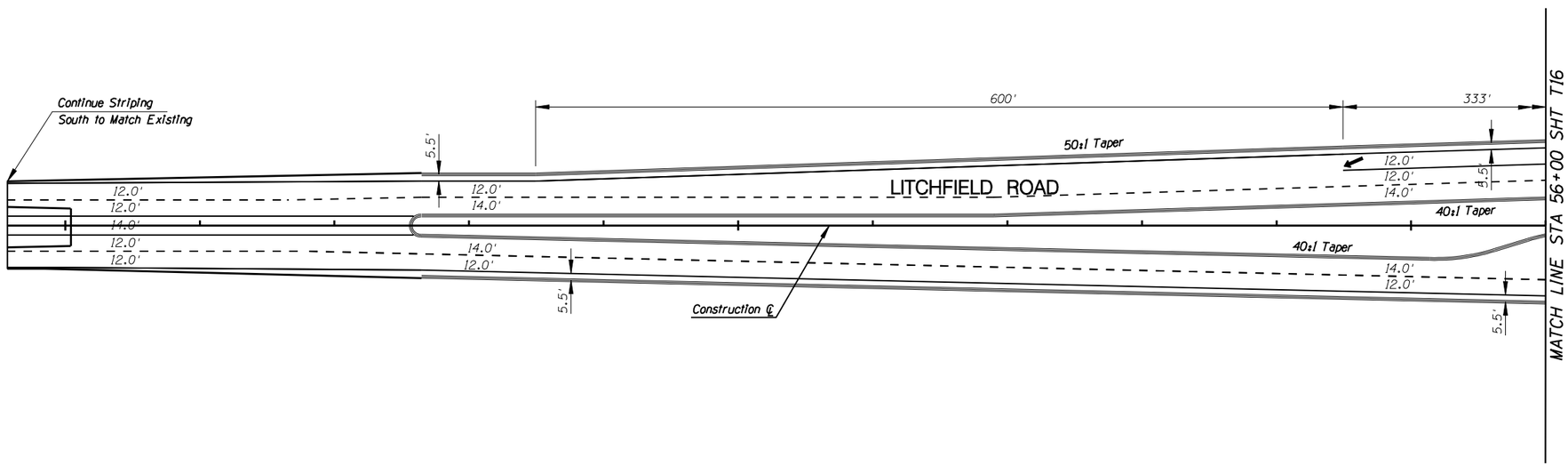
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

LITCHFIELD STRIPING PLAN
STA 45+00 TO STA 56+00

SHEET T67

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr17S.dgn

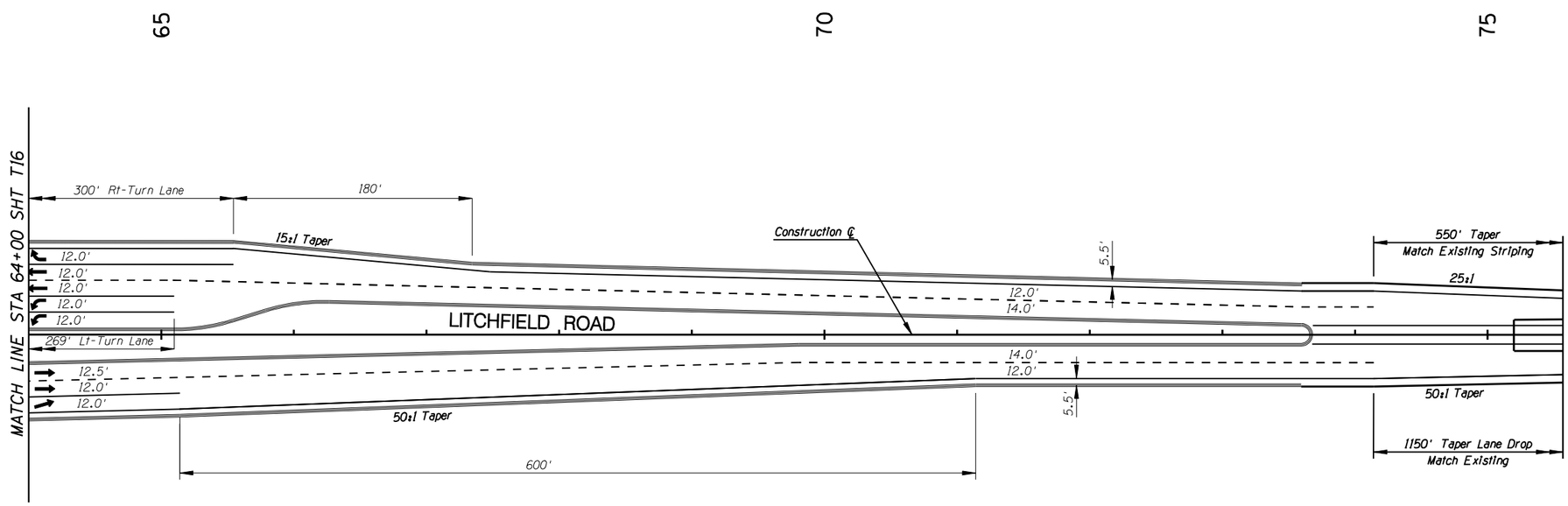
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

LITCHFIELD STRIPING PLAN
STA 64+00 TO STA 73+00

SHEET
T68

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr17N.dgn

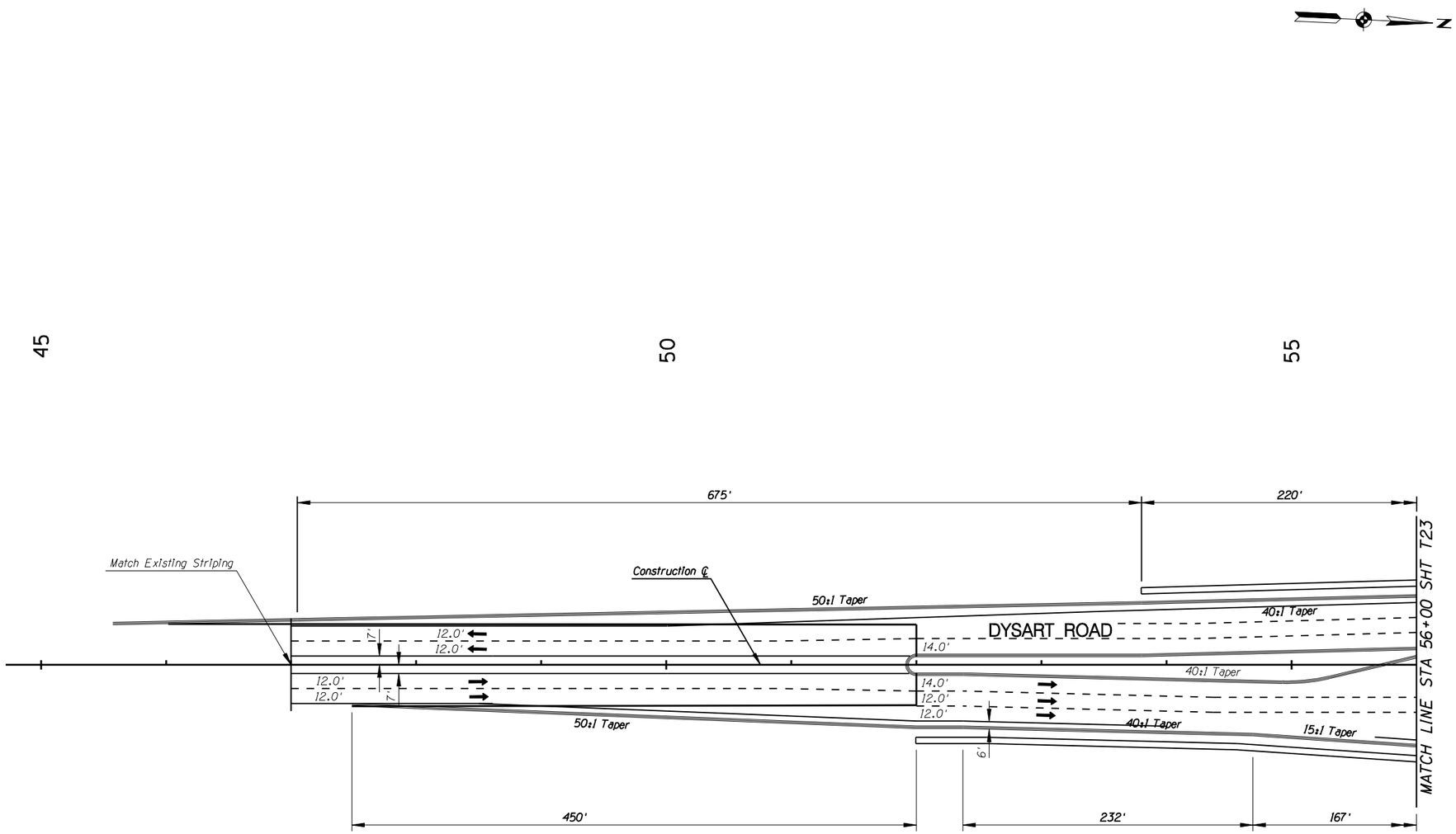
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

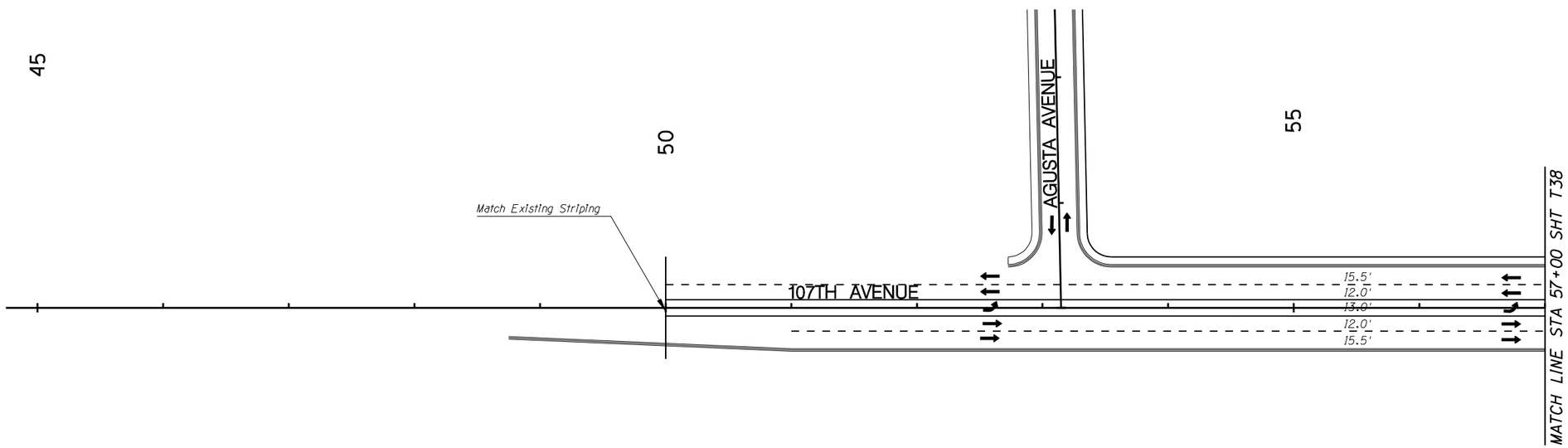
DYSART ROAD STRIPING PLAN
STA 47+00 TO STA 56+00

SHEET
T69

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr24S.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

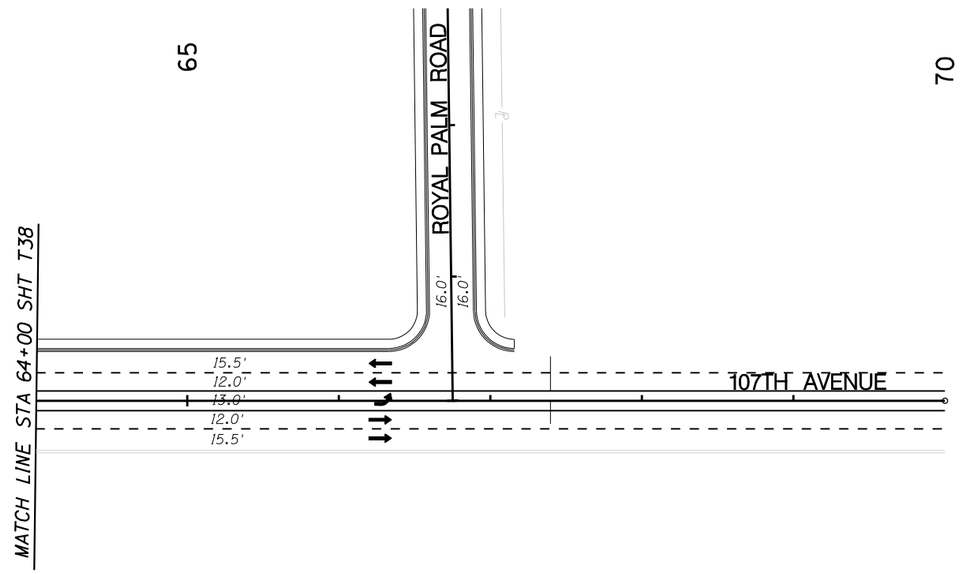
107TH AVENUE STRIPING SHEET
STA 50+00 TO STA 57+00

SHEET
T70

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr39S.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

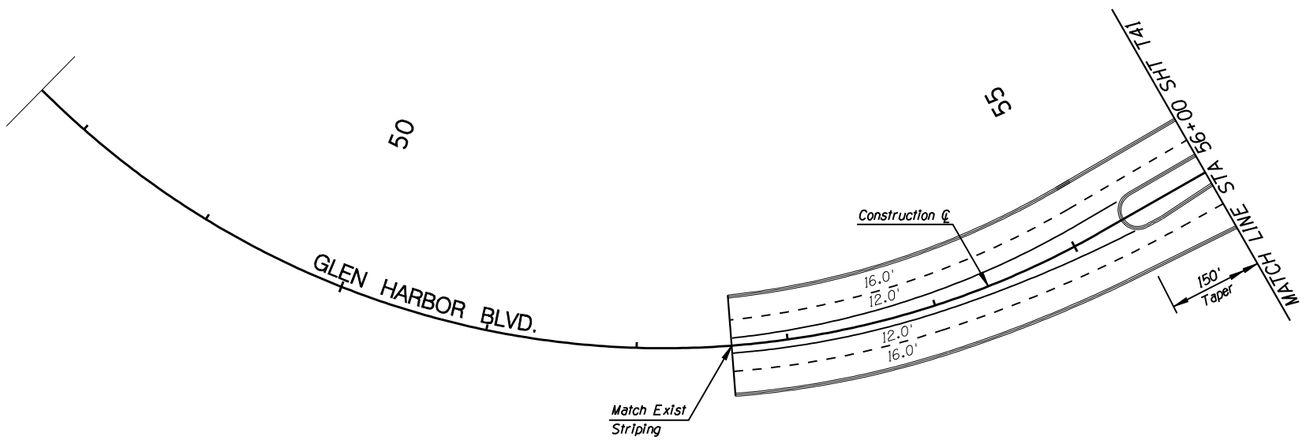
107TH AVENUE STRIPING SHEET
STA 64+00 TO STA 69+00

SHEET T71

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr39N.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

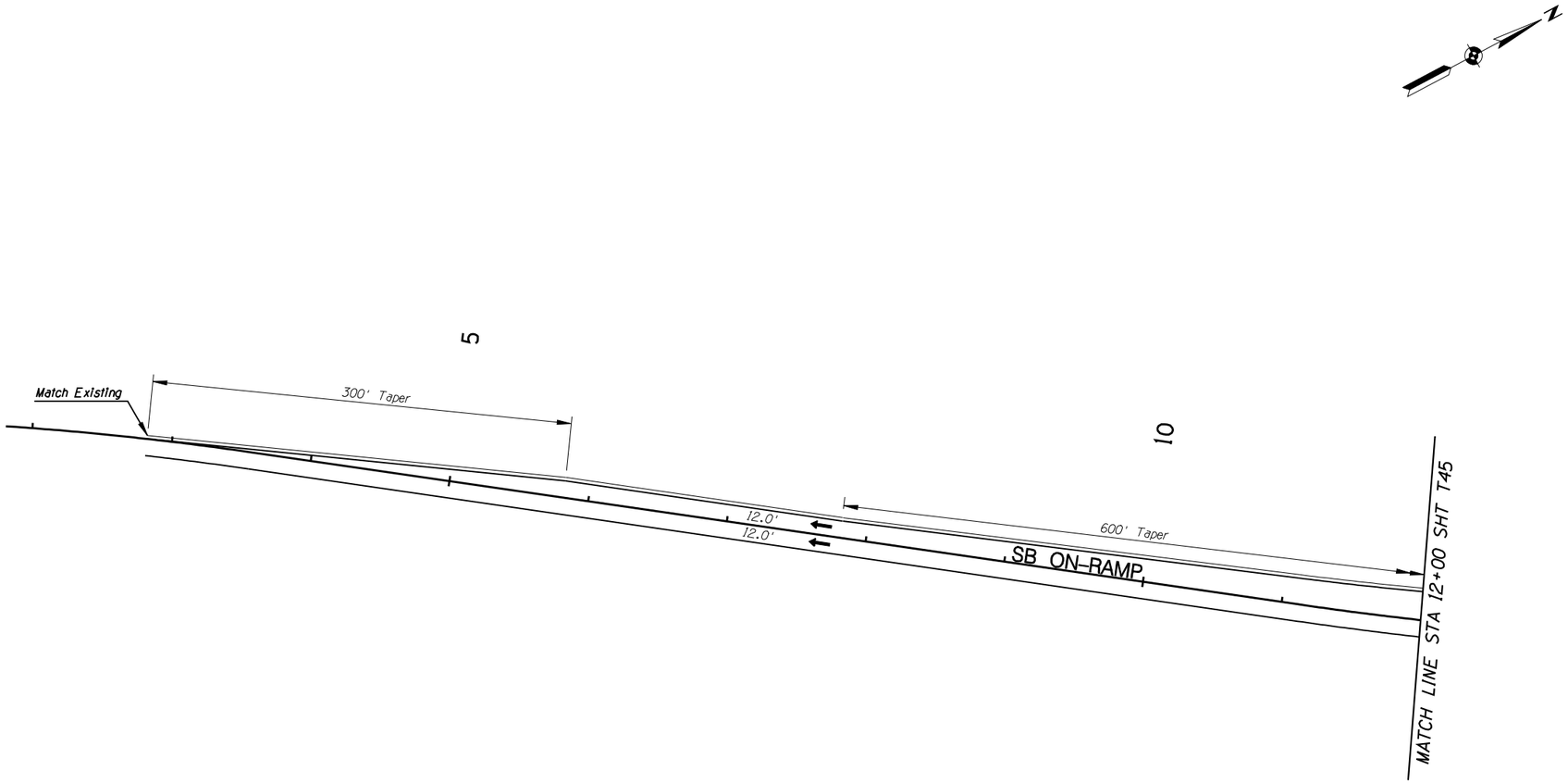
STRIPING PLAN
STA 46+00 TO STA 55+00

SHEET T72

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr42S.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

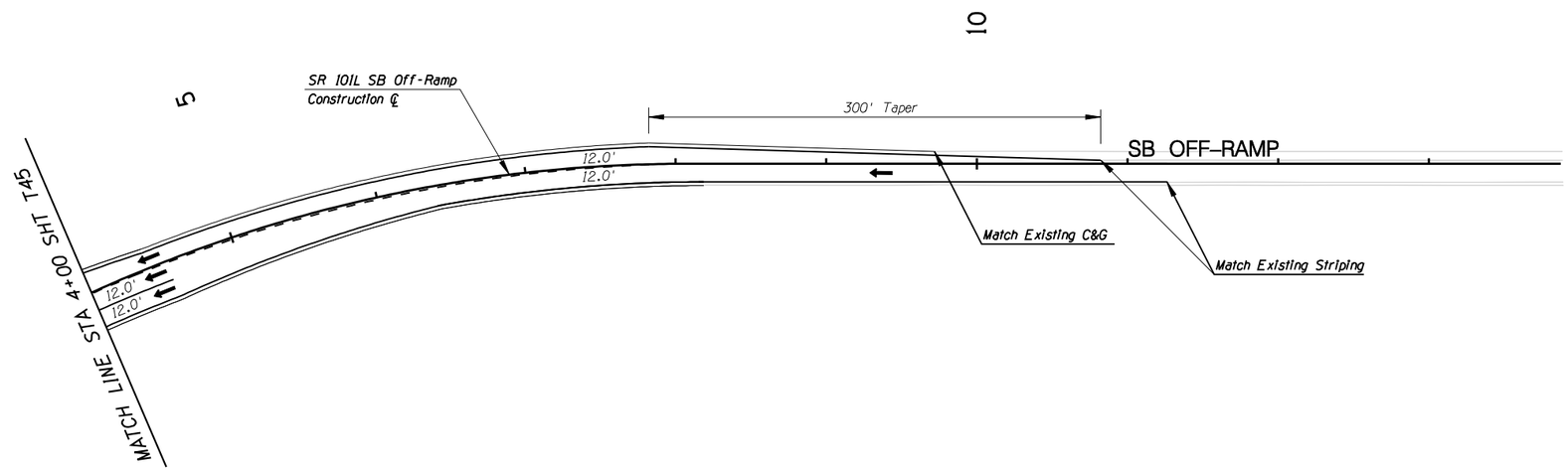
LOOP 101 SB ON-RAMP STRIPING SHEET
STA 3+00 TO STA 12+00

SHEET T73

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr46S.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

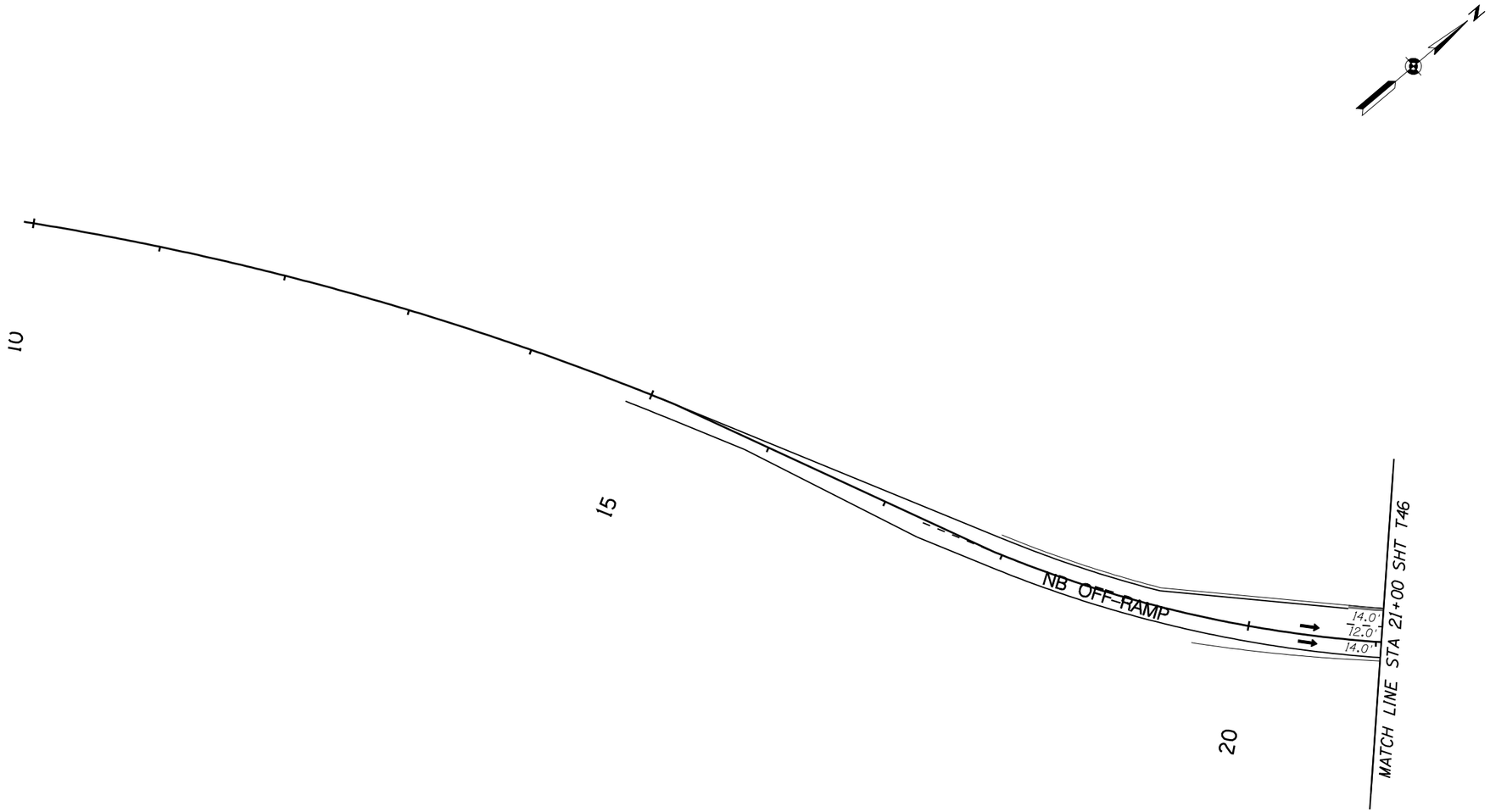
LOOP 101 SB OFF-RAMP STRIPING SHEET
STA 4+00 TO STA 10+00

SHEET T74

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr46N.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

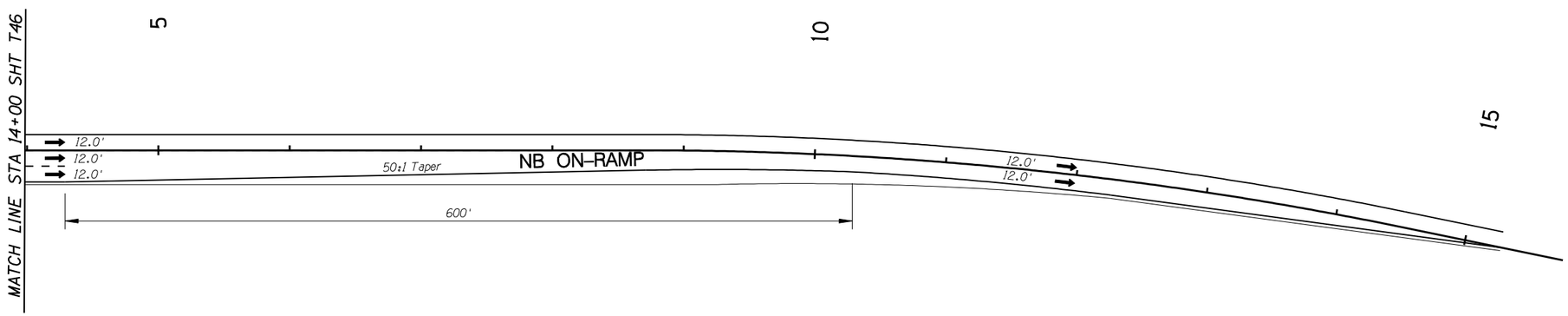
L101 NB OFF-RAMP STRIPING SHEET
STA 15+00 TO STA 21+00

SHEET T75

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr47S.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

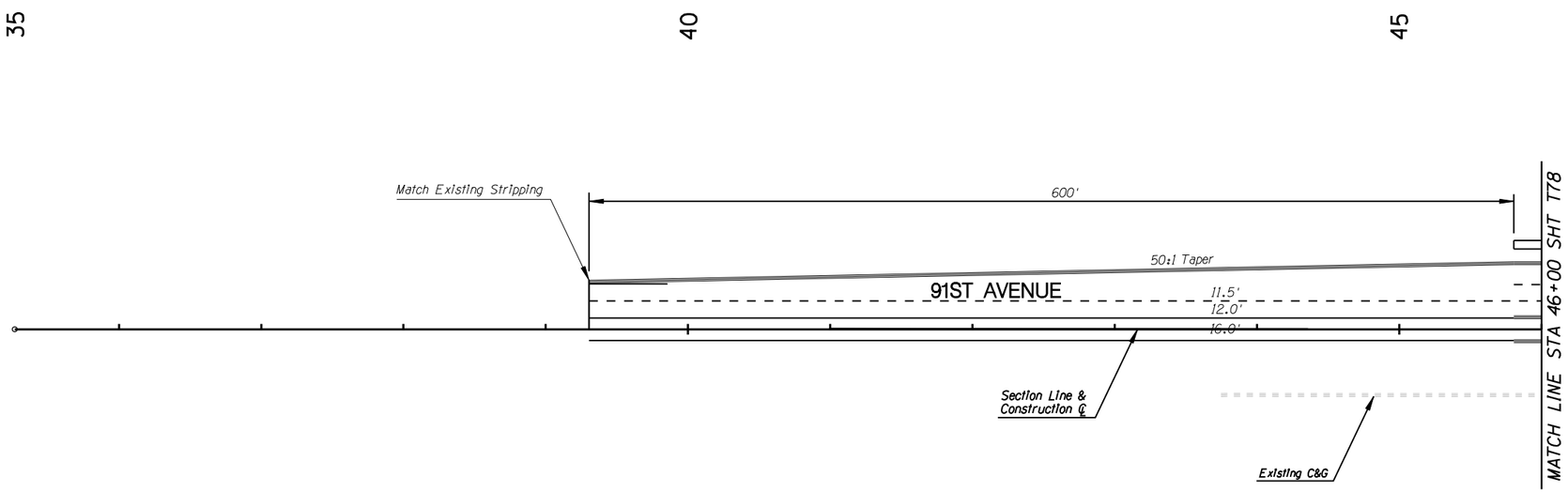
L101 NB OFF-RAMP STRIPPING SHEET
STA 4+00 TO STA 5+00

SHEET
T76

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr47N.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

91ST AVENUE STRIPING SHEET
STA 35+00 TO STA 46+00

SHEET T77

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr50S2.dgn

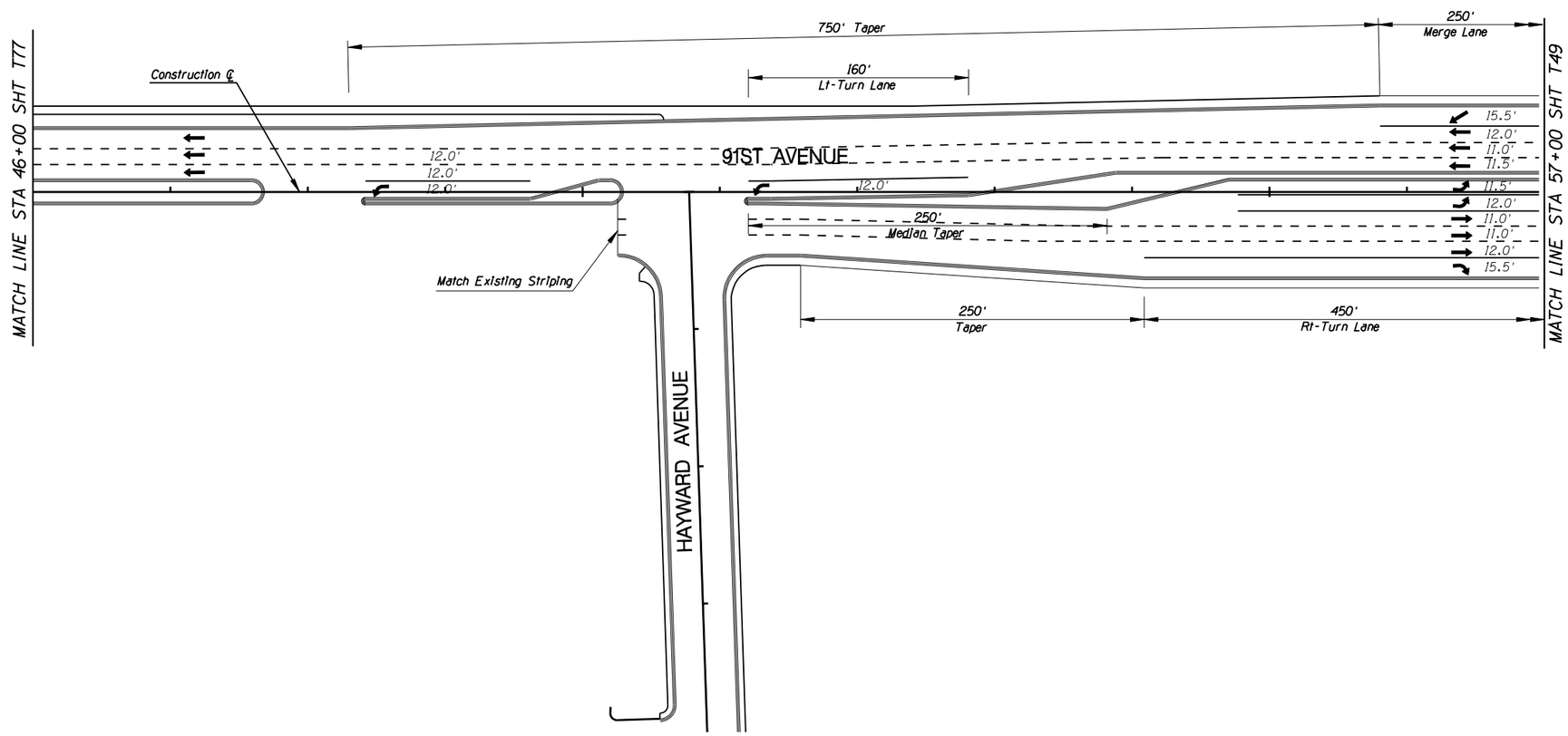
F.W.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ.	T195	XX	XX	XXXXX

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1



NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

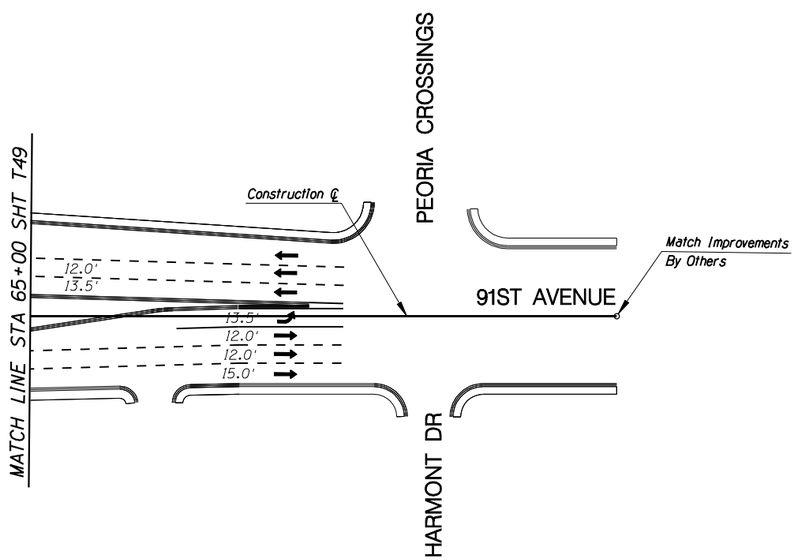
URS

91ST AVENUE - STRIPING PLAN
STA 46+00 TO STA 57+00

SHEET
T78

TRACS NO. 0000 MA MMA SS593 OIC

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr50S.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

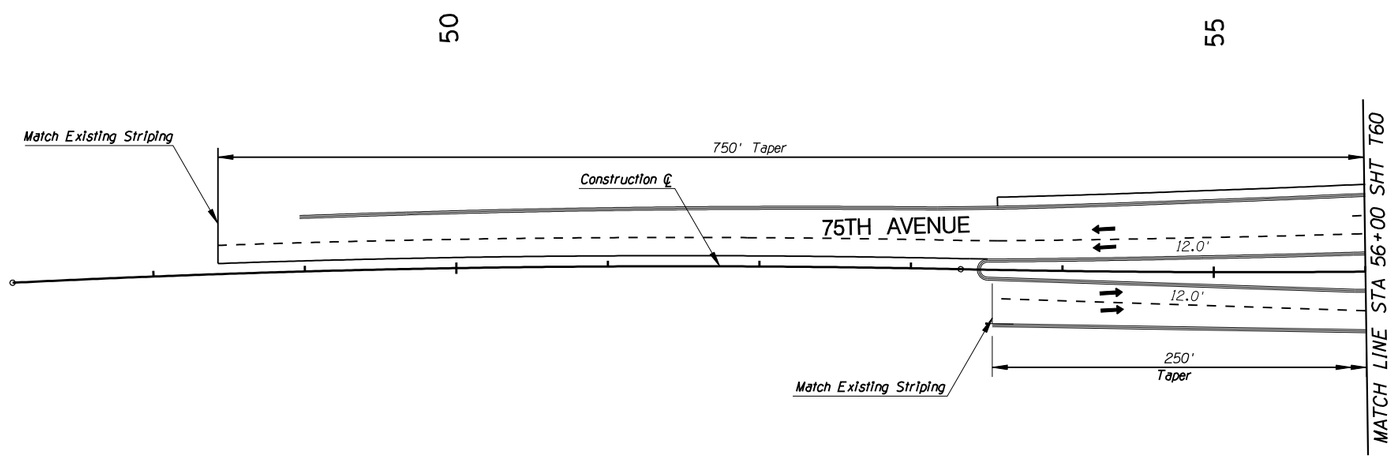
URS

91ST AVENUE - STRIPING PLAN
STA 65+00 TO STA 69+00

SHEET
T79

TRACS NO. 0000 MA MMA SS593 OIC

2/6/2008 $TIME$
P:\City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr50N.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

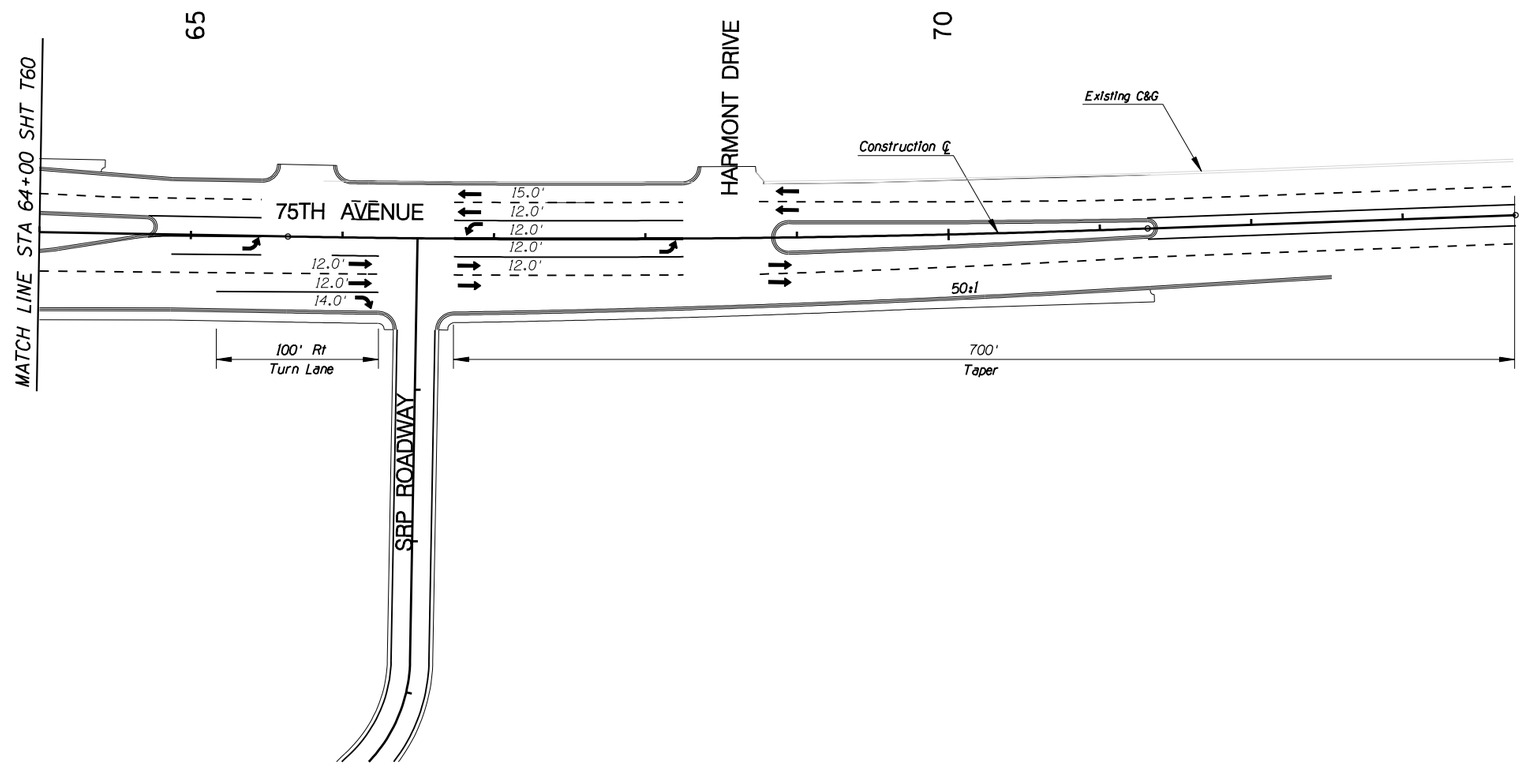
75TH AVENUE - STRIPING PLAN
STA 47+00 TO STA 56+00

SHEET T80

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr61S.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

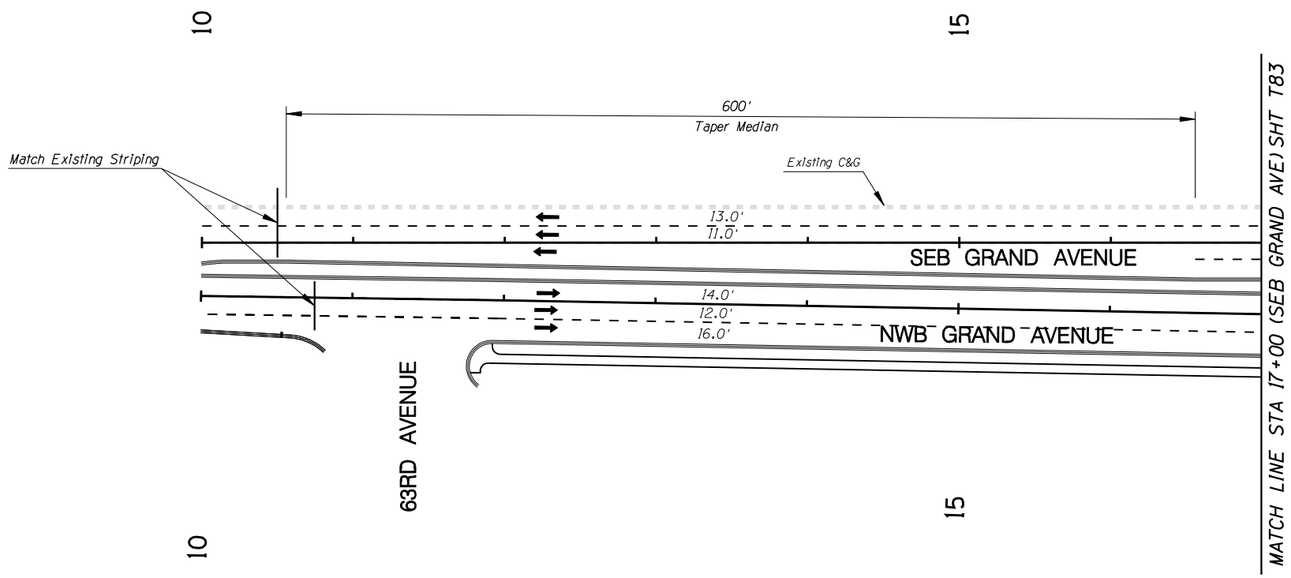
75TH AVENUE - STRIPING PLAN
STA 64+00 TO STA 72+00

SHEET
T81

TRACS NO. 0000 MA MMA SS593 OIC

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr61N.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

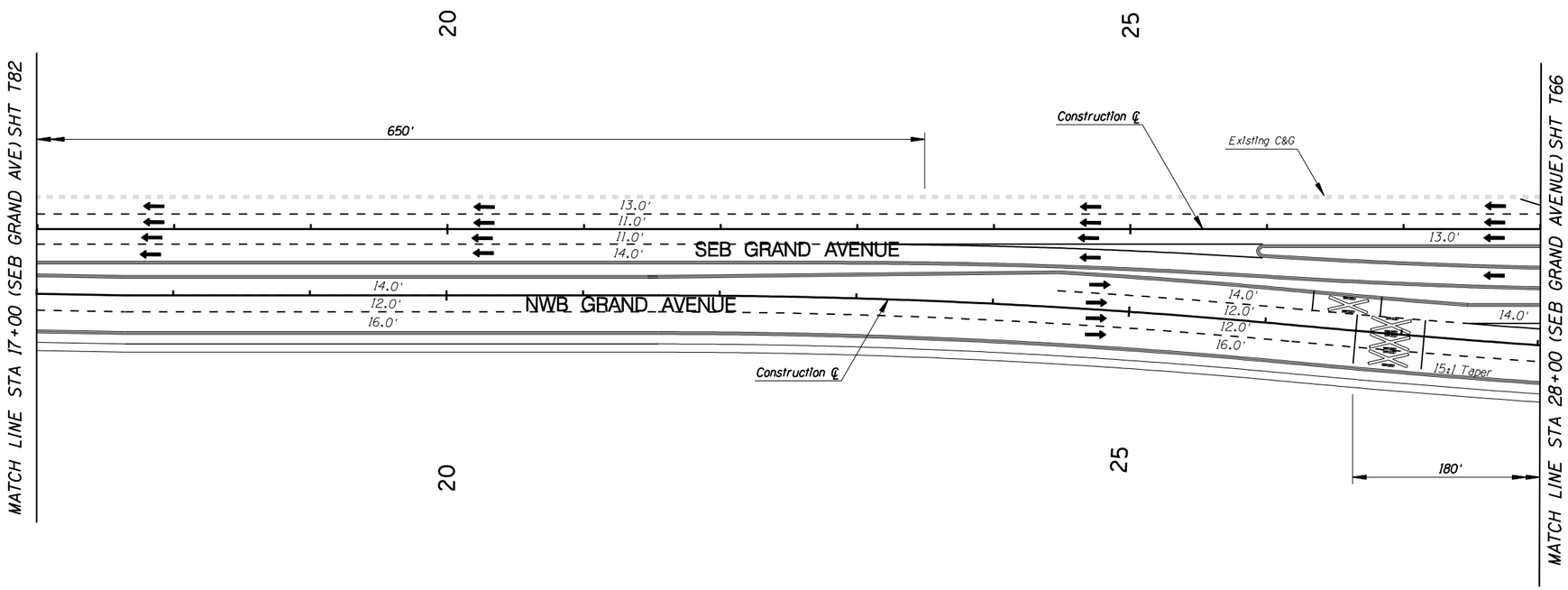
GRAND AVENUE - STRIPING PLAN
STA 10+00 TO STA 17+00

SHEET T82

TRACS NO. 0000 MA MMA SS593 01C

2/6/2008 $TIME$
P:*City_of_Glendale\NorthernDCR30\cadd\Plan_Sheets\Ultimate\striping\TT108tr69.dgn

English



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

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	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

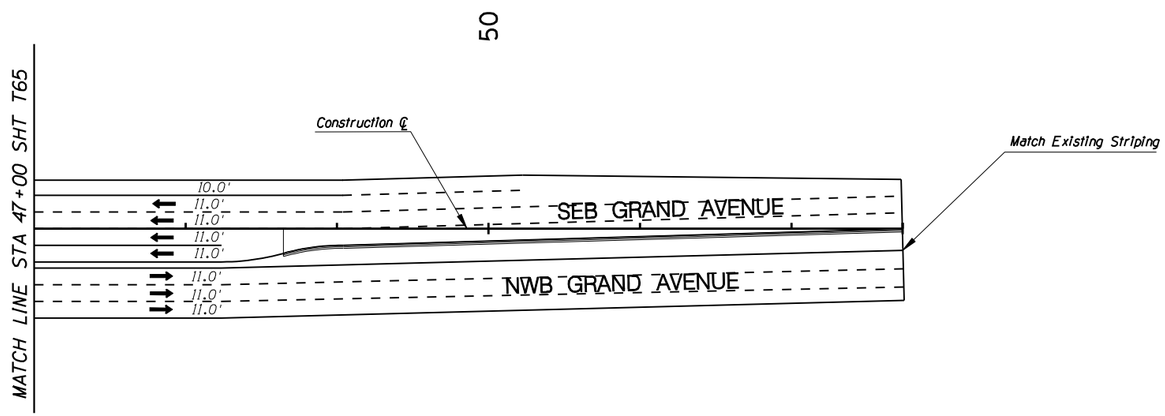
URS

GRAND AVENUE - STRIPING PLAN
STA 17+00 TO STA 28+00

SHEET T83

TRACS NO. 0000 MA MMA SS593 OIC

6/10/2009 $TIME$
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Striping\TT108tr68.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

○ **CONSTRUCTION** ○

1

NO.	REVISION	BY	DATE
1			
2			
3			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY
NOT FOR
CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

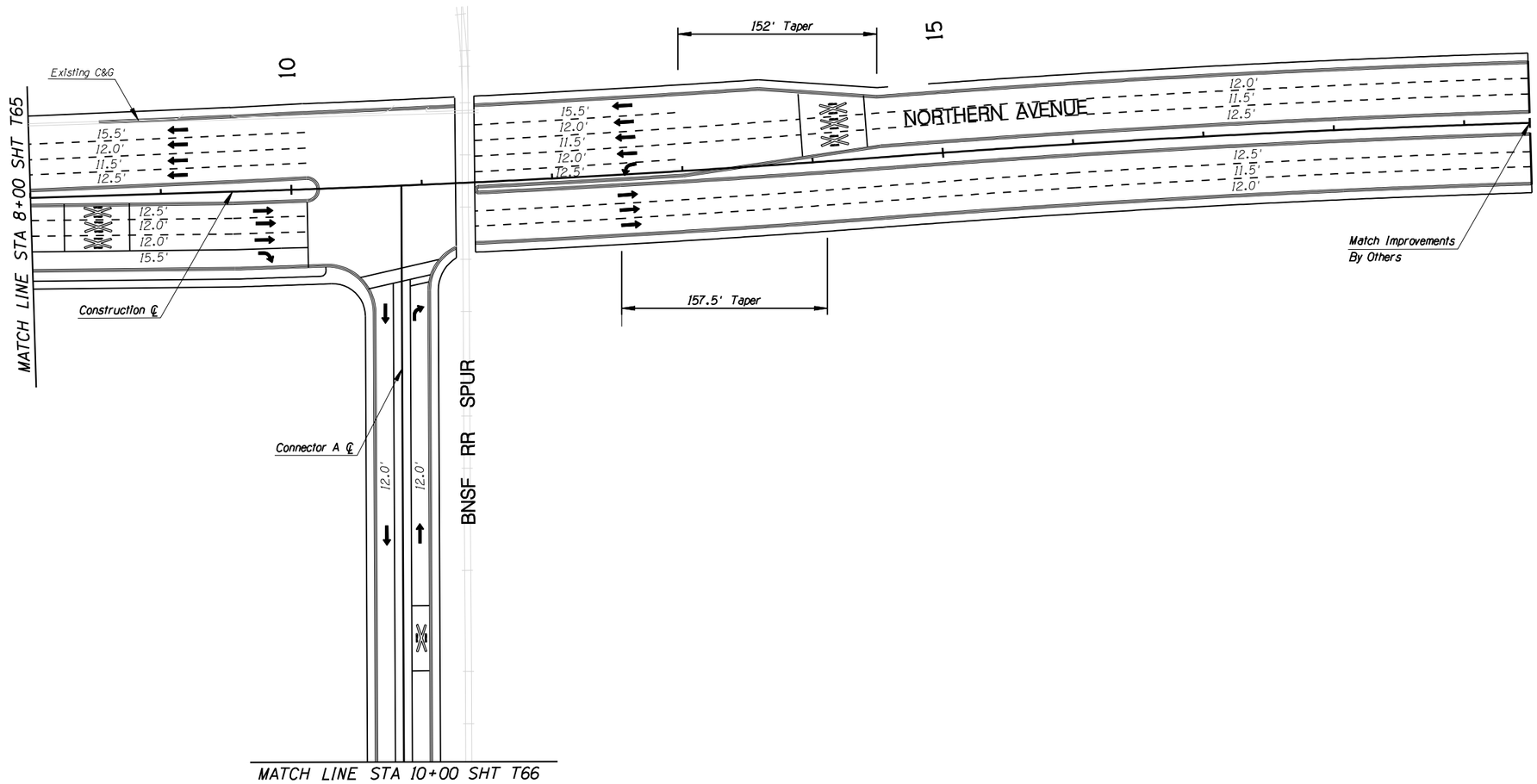
GRAND AVENUE - STRIPING SHEET
STA 47+00 TO STA 52+25

SHEET
T84

TRACS NO. 0000 MA MMA SS593 01C

English

2/6/2008 $TIME$
P:*City_of_Glendale*NorthernDCR30*cadd*Plan_Sheets*Ultimate*striping*TT108tr71.dgn



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

☐ **REMOVAL /RELOCATE** ☐

1

◯ **CONSTRUCTION** ◯

1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION

NORTHERN PARKWAY
LOOP 303 to GRAND AVENUE
PROJECT NO. T195

PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED	P T BACA/R HOOKEY	1/08
DRAWN	L WAGNER	1/08
CHECKED	R MILES	1/08

URS

NORTHERN AVE - STRIPING PLAN SHEET
STA 8+00 TO STA 14+00

SHEET T85

TRACS NO. 0000 MA MMA SS593 01C

English

6/4/2009 $TIME$
P:\TRANSPORTATION\City_of_Glendale\23445409_Glendale_Onboard_Trans_Program\Task 3 - Northern Parkway\CADD\Plans\Alternative 1\Striping\T108tr70.dgn