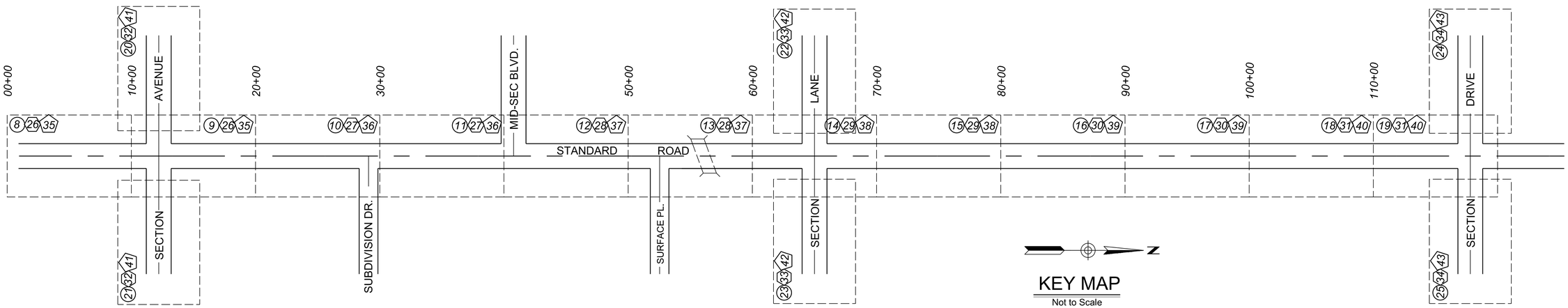
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT000	1	XXX	

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION

PLANS FOR THE CONSTRUCTION OF
PROJECT NAME - SECTION AVE TO SECTION DRIVE

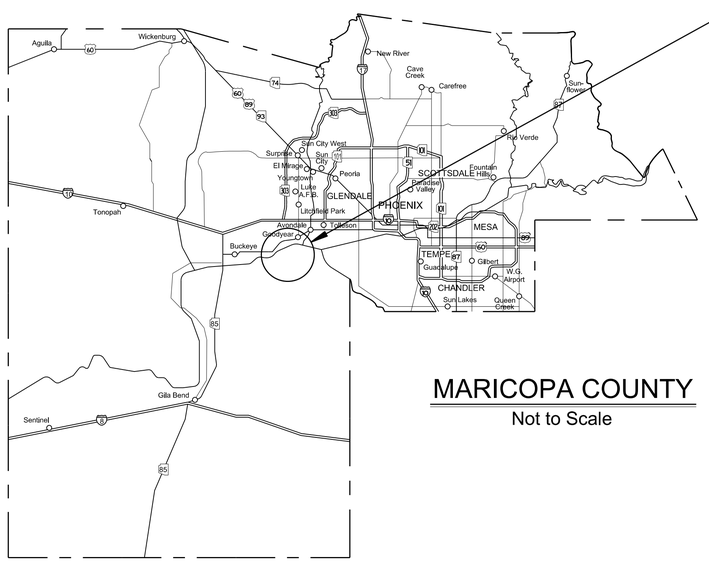
PROJECT NO. TT000



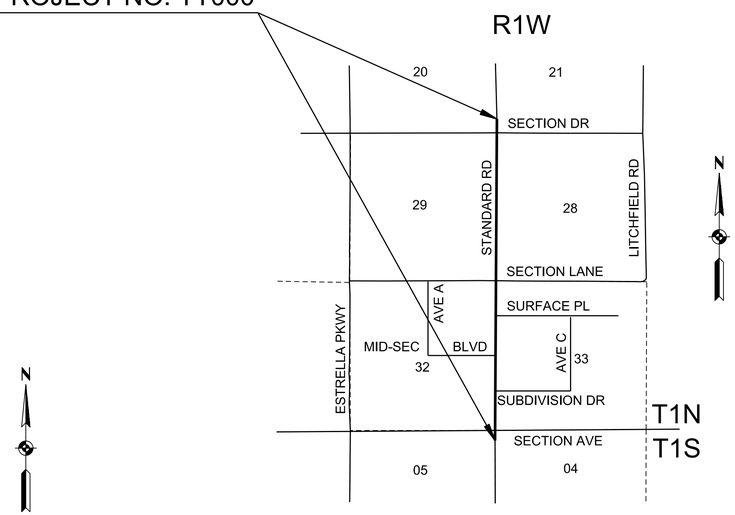
KEY MAP
Not to Scale

- PLAN & PROFILE SHEETS
- STORM DRAINAGE SHEETS
- SIGNING & PAVEMENT MARKING SHEETS
- OTHER MISC SHEETS

PROJECT NO. TT000



MARICOPA COUNTY
Not to Scale



VICINITY MAP
Not to Scale

LOCATIONS FOR AS-BUILT INDEXING

Township	Range	Section	Quarter
1N	1W	20	SE
1N	1W	21	SW
1N	1W	29	NE
1N	1W	28	NW
1N	1W	29	SE
1N	1W	28	SW
1N	1W	32	NE
1N	1W	33	NW
1N	1W	32	SE
1N	1W	33	SW
1S	1W	5	NE
1S	1W	4	NW

PRELIMINARY
NOT FOR
CONSTRUCTION

IN COOPERATION WITH:
<AGENCY OR CITY NAME HERE>

MARICOPA COUNTY DEPARTMENT OF TRANSPORTATION

RECOMMENDED FOR CONSTRUCTION:

MANAGER'S NAME
PROJECT MANAGER — DATE

ISSUED FOR CONSTRUCTION:

JENNIFER TOTH, P.E.
COUNTY ENGINEER/
DIRECTOR OF TRANSPORTATION — DATE

COUNTY BOARD OF SUPERVISORS

CLINT L. HICKMAN - CHAIRMAN

DISTRICT 1	DENNY BARNEY
DISTRICT 2	STEVE CHUCRI
DISTRICT 3	ANDREW W. KUNASEK
DISTRICT 4	CLINT L. HICKMAN
DISTRICT 5	STEVE GALLARDO

TRACS NO.

1:12:03 PM 1/11/2016

Z:\v8i\SS3\Website\DraftingGuidelines\TT000_SS_FaceSht.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT000	2	XXX	

ABBREVIATIONS *

AASHTO.... American Association of State Highway and Transportation Officials
AB..... Aggregate Base
AC..... Asphaltic Concrete
AC..... Aluminum Cap
ACBC..... Asphaltic Concrete Base Course
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
AL..... Aluminum
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..... Bevel(ed)
BFS..... Begin Full Super
Bit..... Bituminous
Bk..... Back
Bkfl..... Backfill
BLM..... Bureau of Land Management
BM..... Bench Mark
Br..... Bridge

C&G..... Curb and Gutter
Cab..... Cabinet
CAP..... Corrugated Aluminum Pipe
CAPA..... Corrugated Aluminum Pipe Arch
CB..... Catch Basin
CBC..... Concrete Box Culvert
CG..... Cattle Guard
CIP..... Cast Iron Pipe
CIPP..... Cast-in-Place Pipe
Clr..... Clear(ance)
CLD..... Concrete Lined Ditch
CLK..... Century Link
CMP..... Corrugated Metal Pipe
CMPA..... Corrugated Metal Pipe Arch
CO..... Clean Out
Conc..... Concrete
Conn..... Connection
Const..... Construction
Cont..... Continuous
Cor..... Corner
Corr..... Correction (VPI to VC)
CP..... Concrete Pipe
CR..... Crown
CSP..... Corrugated Steel Pipe
CSPA..... Corrugated Steel Pipe Arch
CTB..... Concrete Treated Base

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

E..... Electric(ity)
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
Fd..... Found
FF..... Finished Floor (Elevation)
FH..... Fire Hydrant
Fwy..... Freeway

G..... Gutter (Flow Line Elevation)
ga..... Gauge
GB..... Grade Break
GLO..... General Land Office
GM..... Gas Meter
Gnd..... Ground
GP..... Guy Pole
Gr..... Grade
GR..... Guardrail
GV..... Gas Valve

HDPE..... High Density Polyethylene
Hdwl..... Headwall
HH..... Hand Hole
Hi..... High
HW..... High Water

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

L..... Length of Curve
LC..... Long Chord
LS..... Lump Sum
Lt..... Left

MAG..... Maricopa Association of Governments
Matl..... Material
MC..... Maricopa County
MCDOT..... Maricopa County Department of Transportation
MH..... Manhole
Min..... Minimum
Mkd..... Marked
Mod..... Modify
Mon..... Monument

NC..... Normal Crown
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
PCC..... Portland Cement Concrete
PCCP..... Portland Cement Concrete Pavement
PI..... Point of Intersection
POB..... Point of Beginning
POC..... Point on Curve
POE..... Point of End
POT..... Point on Tangent
PP..... Power Pole
PRC..... Point of Reverse Curvature
Prel..... Preliminary
Proj..... Project
Prop..... Proposed
PT..... Point of Tangency
PVC..... Point of Vertical Curvature
PVC..... Poly Vinyl Chloride
PVI..... Point of Vertical Intersection
Pvmt..... Pavement
PVRC..... Point of Vertical Reverse Curvature
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
Ret..... Retain(ing)
RGRCP..... Rubber Gasket Reinforced Concrete Pipe
RR..... Railroad
Rt..... Right
R/W..... Right of Way

S..... Slope
Sch..... Schedule
SCS..... Soil Conservation Service
SD..... Sight Distance
SD..... Storm Drain
SE..... Slope Easement
Sec..... Section
SG..... Subgrade
Shldr..... Shoulder
Shr..... Shrinkage
Sht..... Sheet
Sk..... Skew
Specs..... Specifications
SRP..... Salt River Project
SS..... Sanitary Sewer
SSD..... Stopping Sight Distance
Sta..... Station
Std..... Standard
Struc..... Structural
Subdiv..... Subdivision
Super..... Superelevation
Sw..... Swell
S/W..... Sidewalk
SWG..... Southwest Gas Corporation

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

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 shown.

GENERAL NOTES

1 All work shall conform with the 2016 Revision to the 2015 Edition of the Uniform Standard Specifications for Public Works Construction published by the Maricopa Association of Governments (MAG) as modified by the MCDOT Supplement to the MAG Standard Specifications dated January, 2016 and the project Special Provisions.

2 Standard Details refer to the MAG Uniform Standard Specifications and 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 "Arizona811" at 811 or (602) 263-1100 two working days prior to beginning any excavation.

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 call out distances left and right refer to the construction centerline unless noted otherwise.

7 All trees, bushes and obstacles inside the existing right-of-way which interfere with construction, shall be removed by the Contractor unless noted otherwise. Any fences damaged during construction shall be restored by the Contractor at no additional cost to the County.

8 All paved turnouts shall have the same asphalt and base requirements as the adjacent roadway unless noted otherwise.

9 The Contractor shall obtain all the necessary permits from local governments for work within their jurisdiction.

10 Construction activities shall not interfere with mail delivery. The Contractor shall temporarily relocate mailboxes as necessary to provide uninterrupted mail service. This is a non-pay item.

DESIGN DATA

ROAD NAME 1
CLASSIFICATION.....RURAL/MINOR ARTERIAL
TERRAIN.....LEVEL
DESIGN SPEED.....60 MPH
(2013) AVERAGE DAILY TRAFFIC.....5000/VPD
(2035) AVERAGE DAILY TRAFFIC.....25000/VPD

ROAD NAME 2
CLASSIFICATION.....RURAL/MAJOR COLLECTOR
TERRAIN.....LEVEL
DESIGN SPEED.....50 MPH
(2013) AVERAGE DAILY TRAFFIC.....2500/VPD
(2035) AVERAGE DAILY TRAFFIC.....4000/VPD

INDEX

1..... FACE SHEET
2..... GENERAL NOTES
3-4..... QUANTITY SUMMARY
5-6..... TYPICAL SECTIONS
7..... GEOMETRIC CONTROL
8-25.... PAVING PLAN AND PROFILE SHEETS
26-27.. INTERSECTION DETAIL SHEETS
28..... DRIVEWAY PROFILES
29-32.. STORM DRAIN PLAN AND PROFILE SHEETS
33..... CONNECTOR PIPE PROFILES
34..... CULVERT PROFILE SHEETS
35-39.. DRAINAGE DETAILS
40-41.. IRRIGATION SHEETS
42-44.. BRIDGE SHEETS
45-49.... TRAFFIC SIGNAL SHEETS
50..... SIGNAL INTERCONNECT SHEET
51-55.. SIGNING AND PAVEMENT MARKING SHEETS
56-60.. LANDSCAPE SHEETS

SYMBOLS

Exist Edge of Pvmt
Exist R/W Line
Property Line
Railroad Tracks
Catch point Top of Embankment Cut
Catch point Toe of Filled 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(DUCT BANK)
Exist Gas Line (Matl)** — 2" G
Exist Irrigation Line (Matl)** — 12" IRR (PVC)
Exist Storm Drain Line (Matl)** — 48" SD (RCP)
Exist Buried Cable TV Line — TV
Exist Buried Telephone Line — T
Exist Fiber Optic Line — FO
New Pipe **
Easement
Forest or Reservation Boundary
Flow Line
Jurisdictional Boundary
New Guardrail
New Chain Link Fence
New Barb Wire Fence
Overhead Power — OP
Overhead Telephone — OT

** Scale to Actual Width for Pipes > 12"

Ground Surface (Section)
New Bit Pvmt (Section)
New ABC (Section)
Riprap (Plan & Section)
New Conc (Section)

Angle Point
Bench Mark
Center Line
Flow Line
Monument Line
Property Line or Plate

Manhole
US Mail Box
Water Valve
Water Meter
Wood Utility Pole
Steel Utility Pole
Concrete Utility Pole
Guy Wire
Street Light on Mast Arm
Utility Pedestal
Irr Stand Pipe
Fire Hydrant
Slope Direction
Survey Monument
Survey Monument in HandHole

Street Name Sign
Sign (1 Post)
Sign (2 Posts)
Traffic Control Cabinet
Traffic Pull Box
Traffic Signal Pole and Foundation
Tree or Hedge Line
Palm Tree
Deciduous Tree
Mesquite Tree
Pine Tree
Saguaro Cactus
Yucca Cactus
Cholla Cactus
Prickly Pear Cactus
Barrel Cactus

BENCH MARK

See Geometric Control Sheet

LENGTH OF PROJECT

ROAD NAME STA 000+00.00 TO STA 000+00.00=0000.00 ft
ROAD NAME STA 000+00.00 TO STA 000+00.00=0000.00 ft
ROAD NAME STA 000+00.00 TO STA 000+00.00=0000.00 ft
TOTAL=00000.00 ft
00000/5280=0.00 miles

PROJECT DISTURBED AREA

0,000,000 ft 2 = 0,000.00 Acres

Contact Arizona 811 Two Working Days Before You Dig
ARIZONA811 BLUE STAKE, INC.
Call 811 or Click Arizona811.com

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION

STANDARD ROAD
SECTION AVENUE TO SECTION DRIVE
PROJECT NO. TT000

PRELIMINARY NOT FOR CONSTRUCTION

	BY	DATE
DESIGNED	A.N. ENGINEER	XX/XX/XX
DRAWN	A. TECHNICIAN	XX/XX/XX
CHECKED	A.N. ENGINEER	XX/XX/XX

GENERAL NOTES

SHEET X OF XXX

TRACS NO.

$DATE$
$TIME$
$FILE$

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT000	3	XXX	

SUMMARY OF ESTIMATED QUANTITIES

ITEM NUMBER	ITEM DESCRIPTION	UNIT	SHEET NUMBER															TOTAL
			6	7	8	9	10	27	29	-	-	-	-	-	-	-	-	
205.01150	Roadway Excavation	CY	72	989	126	294	67											1548
215.01100	Channel Excavation	CY					180											180
215.01200	Over Excavation, Unsuitable Material (Contingency)	CY					360											360
301.01000	Subgrade Preparation	SY	1462	2988	482	2328	241											7501
310.03000	Aggregate Base Coarse	Ton	460	941	152	733	76											2362
321.01200	Asphalt Concrete Pavement (Superpave 1/2" Mix, High Traffic)	Ton	160	327	53	255	26											821
321.01300	Asphalt Concrete Pavement (Superpave 3/4" Mix, High Traffic)	Ton	320	654	106	510	53											1643
329.01000	Bituminous Tack Coat SS-1h, Diluted	Ton	0.3	0.6	0.1	0.5	0.1											2
345.01100	Adjust Manhole Frame & Cover, MAG Det. 422	EA	2	1														3
345.01200	Adjust Water Valve Box & Cover, MAG Det. 391-1-A	EA		2	1													3
350.04000	Remove and Salvage Traffic Sign	EA							3									3
351.20000	Relocate 6' Chain Link Fence, MAG Det. 160	LF					45											45
351.40010	Relocate Street Name Sign, Detail 2054	EA							6									6
351.46000	Relocate Mailbox	EA		1														1
405.01000	Survey Marker, MAG Detail 120, Type A	EA	2	2														4
420.00180	6' High Chain Link Fence, MAG Det. 160	LF					84											84
430.01201	Native Hydro Seeding	Acre	0.3	0.4	0.1	0.2	0.2											1
462.01100	4" White Thermoplastic Traffic Stripe	LF						1980										1980
462.01200	4" Yellow Thermoplastic Traffic Stripe	LF						1277										1277
463.01100	Reflectorized Raised Pavement Marker (Type D, Yellow, 2-Way)	EA						36										36
463.01200	Reflectorized Raised Pavement Marker (Type G, Clear, 1-Way)	EA						23										23
464.02000	Perforated Sign Post	LF							72									72
464.02001	Perforated Sign Post Foundation, Detail 2058	EA							7									7
465.01002	Flat Sheet Aluminum Sign Panel, High Intensity Grade	SF							12				15					27
465.01003	Flat Sheet Aluminum Sign Panel, Diamond Grade	SF							19									19
610.27000	Relocate Fire Hydrant, MAG Det. 360	EA		1														1
618.00824	Pipe Plug, MAG Det. 427, 24" Pipe	EA			1													1
618.00924	Concrete Pipe Collar for 24" Pipe, MAG Det. 505	EA			1													1
618.20318	18" RGRCP, Class III	LF				56												56
618.20324	24" RGRCP, Class III	LF			21						35							56
618.20330	30" RGRCP, Class III	LF					35											35
405.01000	Survey Marker, MAG Detail 120, Type A	EA	2	2														4
420.00180	6' High Chain Link Fence, MAG Det. 160	LF					84											84
430.01201	Native Hydro Seeding	Acre	0.3	0.4	0.1	0.2	0.2											1

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION

STANDARD ROAD
SECTION AVENUE TO SECTION DRIVE
PROJECT NO. TT000

PRELIMINARY NOT FOR CONSTRUCTION

	BY	DATE
DESIGNED	A.N. ENGINEER	XX/XX/XX
DRAWN	A. TECHNICIAN	XX/XX/XX
CHECKED	A.N. ENGINEER	XX/XX/XX

QUANTITY SUMMARY

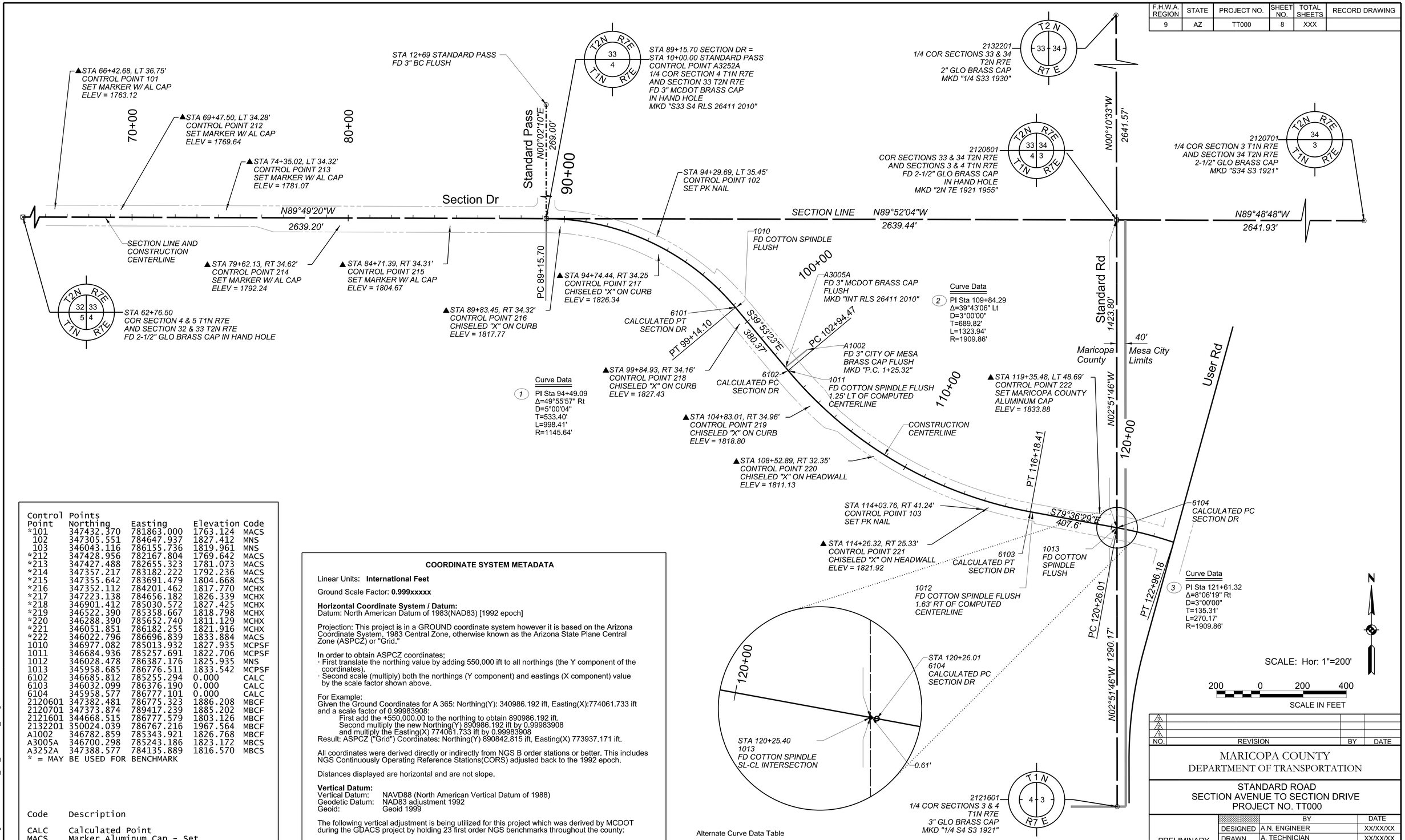
SHEET 3 OF XXX

TRACS NO.

12:59:03 PM 1/11/2016

Z:\v8iSS3\Website\DraftingGuidelines\TT000_SS_QuantitySummaryShf1.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT000	8	XXX	



Alternate Curve Data Table

Curve Data						
	PI Sta	Δ	D	T	L	R
1	94+49.09	49°55'57" Rt	5°00'04"	533.40'	998.41'	1145.64'
2	109+84.29	39°43'06" Lt	3°00'00"	689.82'	1323.94'	1909.86'
3	121+61.32	8°06'19" Rt	3°00'00"	135.31'	270.17'	1909.86'

Control Points

Point	Northing	Easting	Elevation	Code
*101	347432.370	781863.000	1763.124	MACS
102	347305.551	784647.937	1827.412	MNS
103	346043.116	786155.736	1819.961	MNS
*212	347428.956	782167.804	1769.642	MACS
*213	347427.488	782655.323	1781.073	MACS
*214	347357.217	783182.222	1792.236	MACS
*215	347355.642	783691.479	1804.668	MACS
*216	347352.112	784201.462	1817.770	MCHX
*217	347223.138	784656.182	1826.339	MCHX
*218	346901.412	785030.572	1827.425	MCHX
*219	346522.390	785358.667	1818.798	MCHX
*220	346288.390	785652.740	1811.129	MCHX
*221	346051.851	786182.255	1821.916	MCHX
*222	346022.796	786696.839	1833.884	MACS
1010	346977.082	785013.932	1827.935	MCPSF
1011	346684.936	785257.691	1822.706	MCPSF
1012	346028.478	786387.176	1825.935	MNS
1013	345958.685	786776.511	1833.542	MCPSF
6102	346685.812	785255.294	0.000	CALC
6103	346032.099	786376.190	0.000	CALC
6104	345958.577	786777.101	0.000	CALC
2120601	347382.481	786775.323	1886.208	MBCF
2120701	347373.874	789417.239	1885.202	MBCF
2121601	344668.515	786777.579	1803.126	MBCF
2132201	350024.039	786767.216	1967.564	MBCF
A1002	346782.859	785343.921	1826.768	MBCF
A3005A	346700.298	785243.186	1823.172	MBCS
A3252A	347388.577	784135.889	1816.570	MBCS

* = MAY BE USED FOR BENCHMARK

Code	Description
CALC	Calculated Point
MACS	Marker Aluminum Cap - Set
MBCF	Marker Brass Cap - Found
MBCS	Marker Brass Cap - Set
MCHX	Marker Chiseled "X"
MCPSF	Marker Cotton Picker Spindle - Found
MNS	Marker Nail - Set
X	Chiseled "X"

COORDINATE SYSTEM METADATA

Linear Units: **International Feet**

Ground Scale Factor: **0.999xxxxx**

Horizontal Coordinate System / Datum:
Datum: North American Datum of 1983(NAD83) [1992 epoch]

Projection: This project is in a GROUND coordinate system however it is based on the Arizona Coordinate System, 1983 Central Zone, otherwise known as the Arizona State Plane Central Zone (ASPCZ) or "Grid."

In order to obtain ASPCZ coordinates;
· First translate the northing value by adding 550,000 ift to all northings (the Y component of the coordinates).
· Second scale (multiply) both the northings (Y component) and eastings (X component) value by the scale factor shown above.

For Example:
Given the Ground Coordinates for A 365: Northing(Y): 340986.192 ift, Easting(X):774061.733 ift and a scale factor of 0.99983908:
First add the +550,000.00 to the northing to obtain 890986.192 ift.
Second multiply the new Northing(Y) 890986.192 ift by 0.99983908
and multiply the Easting(X) 774061.733 ift by 0.99983908
Result: ASPCZ ("Grid") Coordinates: Northing(Y) 890842.815 ift, Easting(X) 773937.171 ift.

All coordinates were derived directly or indirectly from NGS B order stations or better. This includes NGS Continuously Operating Reference Stations(CORS) adjusted back to the 1992 epoch.

Distances displayed are horizontal and are not slope.

Vertical Datum:
Vertical Datum: NAVD88 (North American Vertical Datum of 1988)
Geodetic Datum: NAD83 adjustment 1992
Geoid: Geoid 1999

The following vertical adjustment is being utilized for this project which was derived by MCDOT during the GDACS project by holding 23 first order NGS benchmarks throughout the county:

Vertical Transformation of Geoid:
Origin North: 876748.214 ift
Origin East: 816963.987 ift
Constant Adjustment: +0.1253 ift
Slope North: -0.1908278 ppm
Slope East: -0.0027077 ppm

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION

STANDARD ROAD
SECTION AVENUE TO SECTION DRIVE
PROJECT NO. TT000

PRELIMINARY NOT FOR CONSTRUCTION

	BY	DATE
DESIGNED	A.N. ENGINEER	XX/XX/XX
DRAWN	A. TECHNICIAN	XX/XX/XX
CHECKED	A.N. ENGINEER	XX/XX/XX

GEOMETRIC CONTROL

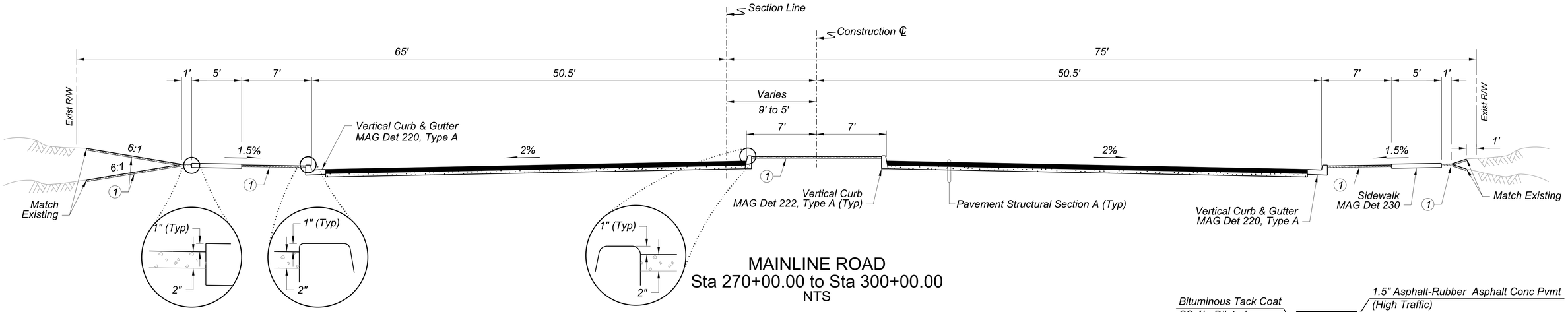
SHEET 8 OF XXX

TRACS NO.

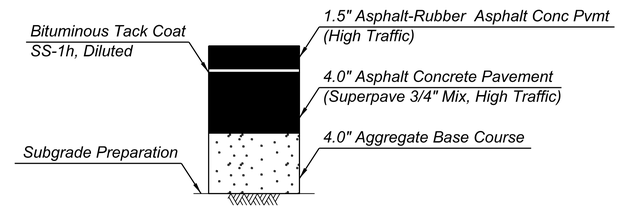
1:00:33 PM 1/11/2016

Z:\v8\SS3\Website\DraftingGuidelines\TT000_SC_GeomCont_01.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT000	7	XXX	

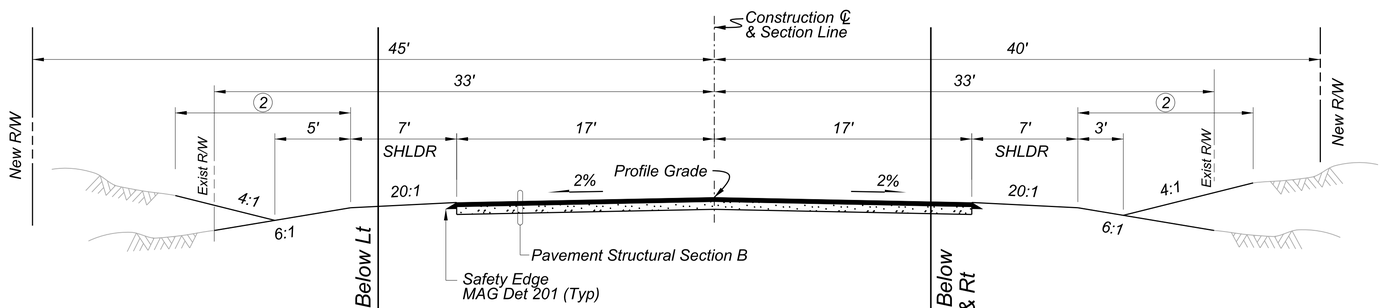


MAINLINE ROAD
Sta 270+00.00 to Sta 300+00.00
NTS



Total Thickness = 9.5"

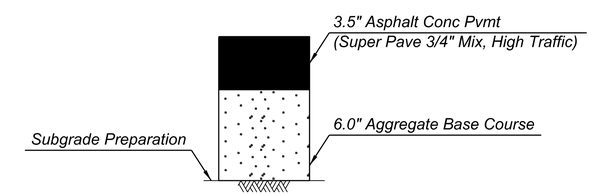
PAVEMENT STRUCTURAL SECTION A



Sta 255+00.00 to Sta 258+50.40
Sta 260+00.00 to Sta 283+52.00

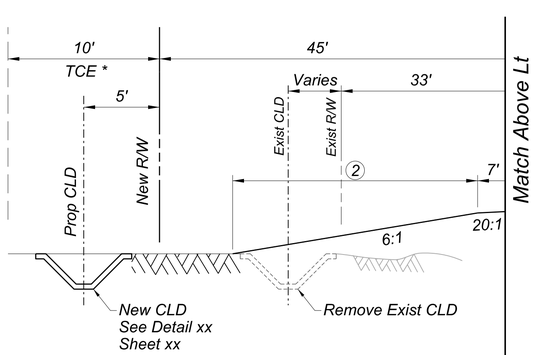
CROSS ROAD
Sta 255+00.00 to Sta 283+52.00
NTS

Sta 255+00.00 to Sta 264+00.00
Sta 272+00.00 to Sta 283+52.00



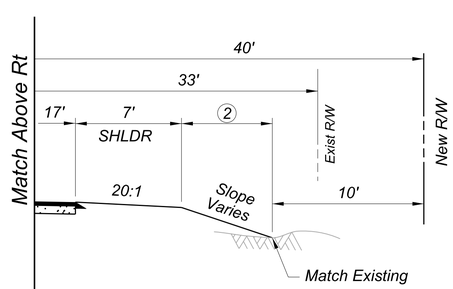
Total Thickness = 9.5"

PAVEMENT STRUCTURAL SECTION B

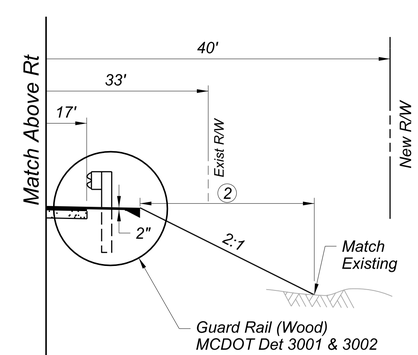


Sta 258+50.40 to Sta 260+00.00

*TCE Limits Sta 258+23.10 to Sta 260+15.00



Sta 264+00.00 to Sta 265+50.00
Sta 270+25.00 to Sta 272+00.00



Sta 265+50.00 to Sta 270+25.00

1. Decomposed granite, 2" thick
2. Hydroseed disturbed area beyond edge of shoulder

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION

STANDARD ROAD
SECTION AVENUE TO SECTION DRIVE
PROJECT NO. TT000

PRELIMINARY NOT FOR CONSTRUCTION

	BY	DATE
DESIGNED	A.N. ENGINEER	XX/XX/XX
DRAWN	A. TECHNICIAN	XX/XX/XX
CHECKED	A.N. ENGINEER	XX/XX/XX

Arizona 811 Two Working Days Before You Dig
ARIZONA811 BLUE STAKE, INC.
Call 811 or Click Arizona811.com

TYPICAL SECTION SHEET

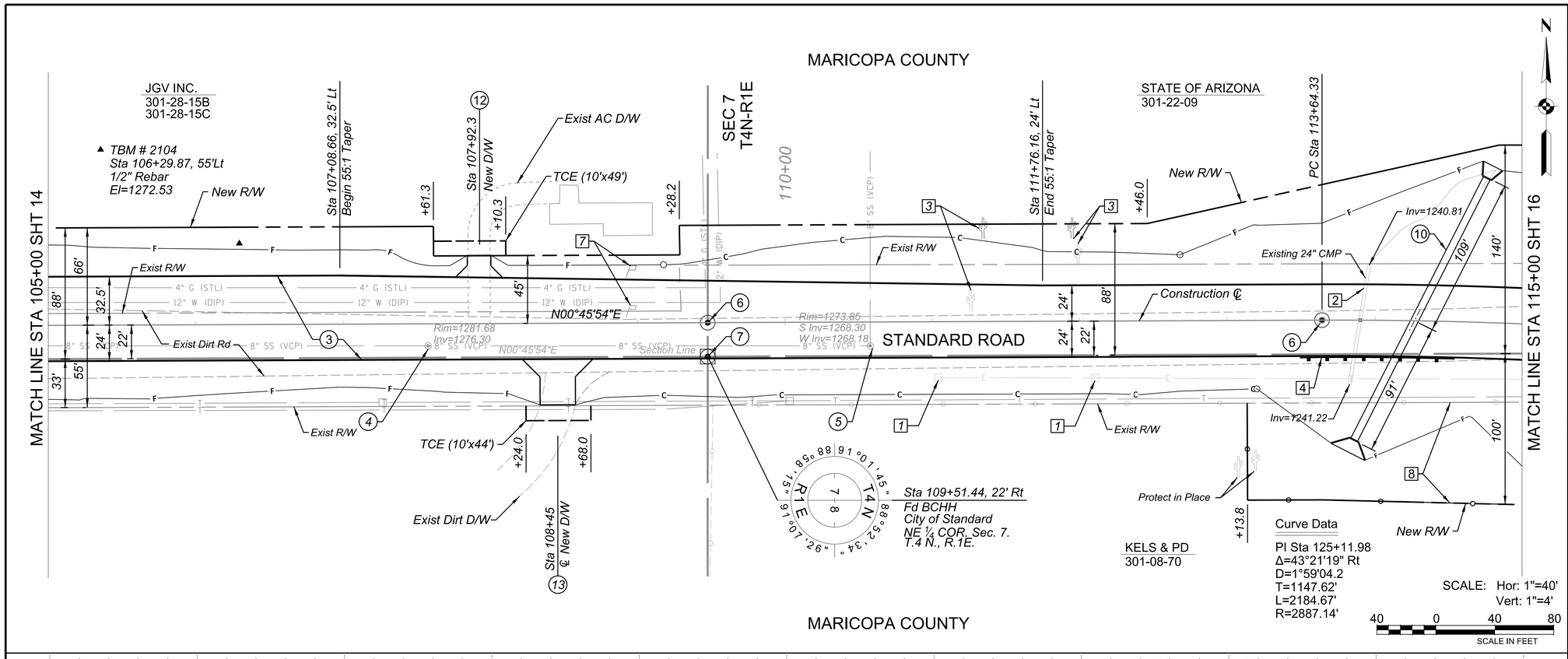
SHEET 7 OF XXX

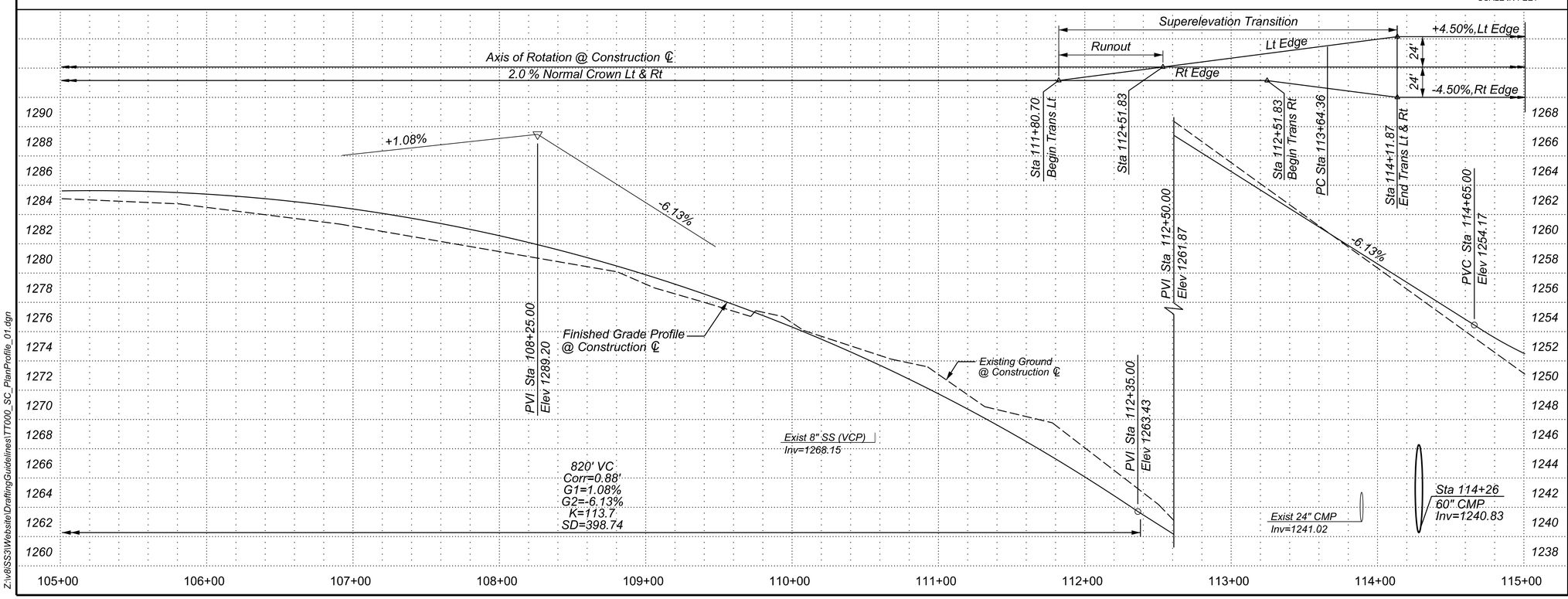
TRACS NO.

1:06:27 PM 1/11/2016

Z:\v8iSS3\Website\DraftingGuidelines\TT000_SS_Typical_01.dgn

F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	RECORD DRAWING
9	AZ	TT000	8	XXX	





REMOVAL / RELOCATE

1	Relocate Power Pole by APS	2 EA
2	Remove Pipe, Backfill & Compact, D=24"	82 FT
3	Relocate Saguaro Cactus, Multiple Arm (Over 15') From Lt Sta 111+25 to 85' Lt Sta 111+30 From Lt Sta 112+07 to 85' Lt Sta 112+07	2 EA
4	Remove Guardrail	100 LF
7	Relocate Mailbox, MCDOT Det 2067	1 EA
8	Rt Sta 113+13.8 to Sta 115+00 Relocate 6' Chain Link Fence to New R/W ADOT C-12.20, Type 1	231 LF

CONSTRUCTION

3	Construct Roadway Pavement	
	Subgrade Preparation	5,655 SY
	Aggregate Base Course	2915 Ton
	Asphalt Concrete Pavement (Superpave 3/4" Mix, High Traffic)	11.2 Ton
4	Adjust Manhole Height, MAG Det 420	1 EA
5	Adjust Manhole Frame & Cover, MAG Det 422	1 EA
6	Sta 109+51.44 & Sta 113+64.33 Install Survey Marker, MAG Det 120, Type B	2 EA
7	Install Survey Marker, MAG Det 120, Type A	1 EA
10	Sta 114+26 Skew 27° Rt, Install 60" RGRCP, Class III	200 LF
	Construct Headwall, Inlet (1:4), MAG Det 501-3, 60" Pipe - Inv Rt=1242.1	1 EA
	Construct Headwall, Outlet (1:4), MAG Det 501-3, 60" Pipe - Inv Lt=1239.3	1 EA
12	Lt Sta 107+92.3 Construct Paved Turnout, MAG Det 205 Type B: W=16.0', L=14.0'	
	Subgrade Preparation	32 SY
	Aggregate Base Course	7 Ton
	Asphalt Concrete Pavement (Superpave 3/4" Mix, High Traffic)	4.4 Ton
13	Rt Sta 108+45.8 Construct Paved Turnout, MAG Det 205 Type B: W=24.0', L=31.0'	
	Subgrade Preparation	99 SY
	Aggregate Base Course	21 Ton
	Asphalt Concrete Pavement (Superpave 3/4" Mix, High Traffic)	13.5 Ton

NO.	REVISION	BY	DATE
3			
2			
1			

MARICOPA COUNTY
DEPARTMENT OF TRANSPORTATION

STANDARD ROAD
SECTION AVENUE TO SECTION DRIVE
PROJECT NO. TT000

PRELIMINARY NOT FOR CONSTRUCTION

	BY	DATE
DESIGNED	A.N. ENGINEER	XX/XX/XX
DRAWN	A. TECHNICIAN	XX/XX/XX
CHECKED	A.N. ENGINEER	XX/XX/XX

PAVING PLAN & PROFILE
STA 105+00 TO 115+00

SHEET 8 OF XXX

TRACS NO.

7:29:45 AM 3/29/2016

Z:\v8ISS3\Website\DraftingGuidelines\TT000_SC_PlanProfile_01.dgn