E. NYE LANE PEDESTRIAN IMPROVEMENTS

CARSON CITY, NEVADA
PROJECT 031302.3

BOARD OF SUPERVISORS

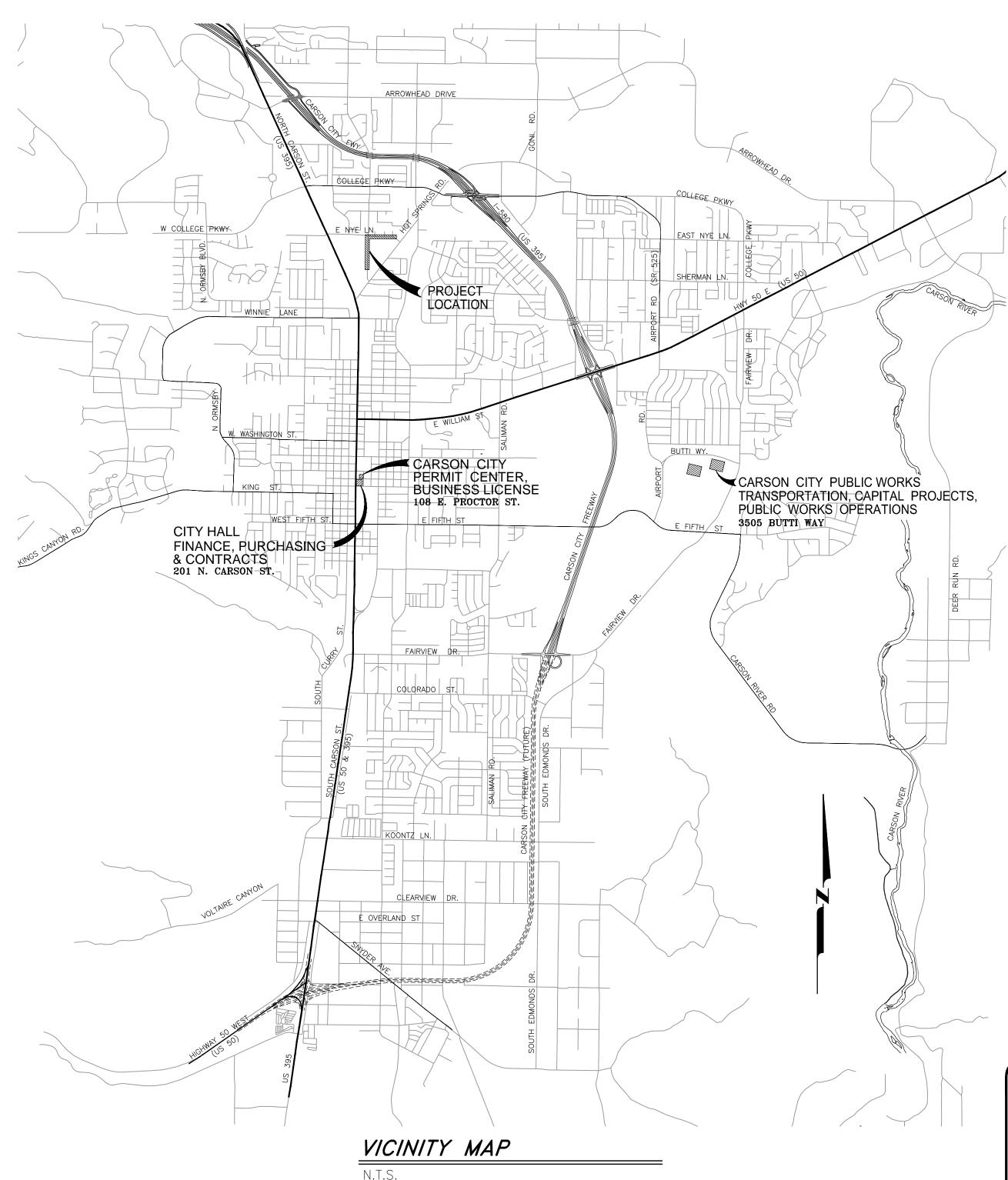
Robert Crowell
Karen Abowd
Supervisor
Brad Bonkowski
Supervisor
John McKenna
Supervisor
Supervisor
Supervisor
City Clerk

DESIGNED FOR:

CARSON CITY PUBLIC WORKS DEPARTMENT OPERATIONS DIVISION 3505 BUTTI WAY CARSON CITY, NV 89701 887-2355

GENERAL NOTES:

- 1. ALL WORK SHALL CONFORM TO THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (SSPWC) AND THE "STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION" (SDPWC) AS ADOPTED BY CARSON CITY. THE CONTRACTOR SHALL OBTAIN A PERMIT FOR PUBLIC WORKS CONSTRUCTION FROM THE CARSON CITY PERMIT CENTER PRIOR TO THE START OF CONSTRUCTION.
- 2. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT "CALL BEFORE YOU DIG" (811) OR (1-800-227-2600) AT LEAST TWO (2) WORKING DAYS PRIOR TO START OF CONSTRUCTION AND COMPLY WITH THE REQUIREMENTS OF NRS AND NAC 455 THROUGHOUT THE COURSE OF THE WORK, SEWER SERVICE LATERALS ARE NOT OWNED OR MARKED BY
- 3. THE CONTRACTOR SHALL CALL THE CARSON CITY CONSTRUCTION MANAGER TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CALL ONE (1) WORKING DAY PRIOR TO REQUIRED INSPECTIONS AND TESTING. THE REQUIRED INSPECTIONS AND TESTING ARE LISTED ON THE INSPECTION RECORD ISSUED WITH EACH PERMIT. THE CONTRACTOR MUST HAVE THE PERMIT NUMBER AND THE DESCRIPTION LISTED ON THE INSPECTION RECORD TO SCHEDULE REQUIRED INSPECTIONS AND TESTING. FOR CITY CONTRACTED PROJECTS, THE CONTRACTOR SHALL SCHEDULE INSPECTIONS PER THE CONTRACT DOCUMENTS.
- 4. FINAL INSPECTIONS WILL BE PERFORMED BY CARSON CITY ENGINEERING DIVISION ACCORDING TO THE CARSON CITY INSPECTIONS AND TESTING PROCEDURES. NOTE: THESE PROCEDURES REQUIRE SUBMITTAL OF RECORD DRAWING PRINTS BY THE CONTRACTOR AND 10 WORKING DAYS TO PREPARE A FINAL PUNCH LIST. ALL CONDITIONS OF THE FINAL INSPECTION MUST BE COMPLETED PRIOR TO FINAL ACCEPTANCE OR ANY APPROVAL OF A CERTIFICATE OF OCCUPANCY BY THE CARSON CITY ENGINEERING DIVISION.
- 5. MODIFICATIONS TO THE APPROVED PLANS REQUIRES REVIEW AND APPROVAL BY THE CARSON CITY ENGINEERING DIVISION. WORK PERFORMED WITHOUT WRITTEN APPROVAL BY CARSON CITY ENGINEERING WILL REQUIRE REMOVAL AT THE CONTRACTORS EXPENSE.
- 6. THE APPROVED PLAN, AND INSPECTION RECORD MUST BE ON THE JOB SITE AT ALL TIMES.
- 7. PLAN APPROVAL FOR SEWER AND WATER CONSTRUCTION SHALL EXPIRE ONE YEAR FROM DATE OF APPROVAL UNLESS CONSTRUCTION HAS BEEN INITIATED. (CCMC 12.06.180F, 12.01.140D)
- 8. THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR ACQUIRING A STORMWATER DISCHARGE PERMIT FROM THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION (NDEP) INCLUDING DEVELOPING, SUBMITTING AND IMPLEMENTING A STORM WATER POLLUTION PREVENTION PLAN (SWPPP). THE CONTRACTOR SHALL DEVELOP, PLACE AND MAINTAIN STORM WATER PROTECTION DEVICES IN COMPLIANCE WITH THE NEVADA CONTRACTORS FIELD GUIDE FOR CONSTRUCTION SITE BEST MANAGEMENT PRACTICES (JUNE 2008).
- 9. THE LOCATION OF EXISTING UTILITIES SHOWN ON THESE DRAWINGS IS BASED ON THE BEST INFORMATION AVAILABLE TO THE ENGINEER. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO VERIFY THESE LOCATIONS AT THE PROPOSED POINTS OF CONNECTIONS AND IN AREAS OF POSSIBLE CONFLICT WITH NEW UTILITY INSTALLATION, PRIOR TO BEGINNING CONSTRUCTION. POTHOLING IS REQUIRED. SHOULD THE CONTRACTOR FIND ANY DISCREPANCIES BETWEEN THE CONDITIONS EXISTING IN THE FIELD AND THE INFORMATION SHOWN ON THESE DRAWINGS, HE SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH CONSTRUCTION.
- 10. THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR THE CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF PROPER SHORING OF TRENCHES IN ACCORDANCE WITH OCCUPATIONAL SAFETY LAWS. THE DUTIES OF THE ENGINEER DO NOT INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY IN, ON, OR NEAR THE CONSTRUCTION SITE.
- 11. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.



SHEET INDEX

- C1 TITLE SHEET
- C2 STORMWATER PROTECTION PLAN, SHEET INDEX & LEGEND
- C3 PLAN E. NYE LN.
- C4 PLAN NORTHGATE LN.
- C5 CONSTRUCTION DETAILS
- C6 CONSTRUCTION DETAILS



APPLICATION NO. _____

 DRAWN BY:
 BD

 CHECKED BY:
 DA

 DWG NO.:
 031302.3-TS1

 SCALE (HORIZ):
 N/A

 SCALE (VERT):
 N/A

CARSON CILY WORKS DEPARTMENT

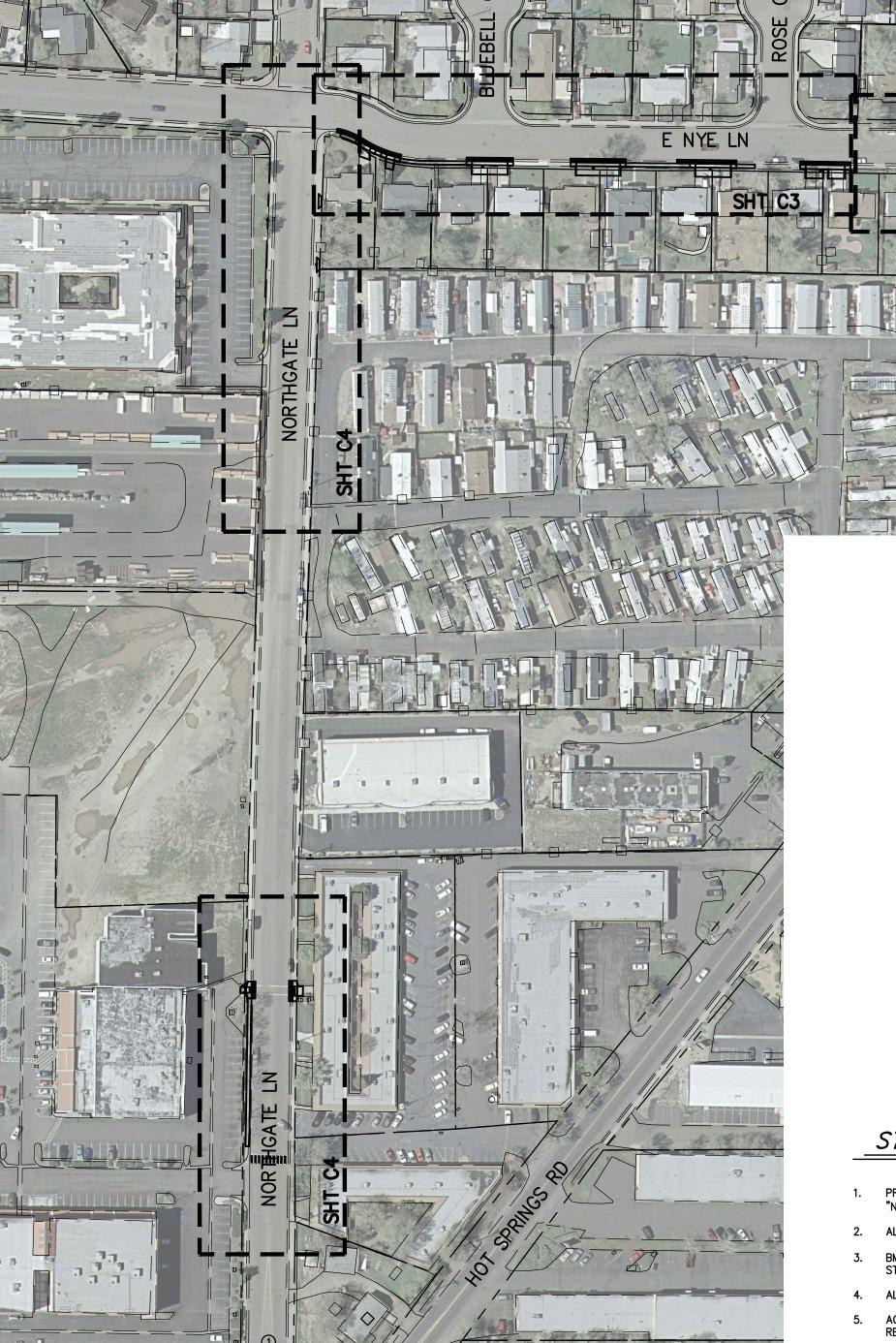
	PUB	3505 PH:
	ENGINEE ENGINEE	
\$S10W4	DANIE ROTT	×
WESS!	Exp: 12-: CIVIL Vo. 22	31-15 8 1 - 07 \ =
D	ATE: <u>8-20</u>	<u>)–2014</u>

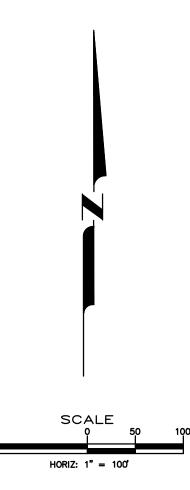
REV. DATE DESCRIPTION BY APP'D

E. NYE LANE
PEDESTRIAN IMPROVEME
PROJECT No. 03.1302.3

SHEET
C1
— OF——

_





STORMWATER CONSTRUCTION NOTES:

1) PLACE STORM DRAIN INLET PROTECTION DOWNSTREAM FROM CONSTRUCTION

STORMWATER PROTECTION NOTES:

- PRIOR TO ANY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN ALL STORM WATER PROTECTION DEVICES IN ACCORDANCE WITH THE "NEVADA CONTRACTORS FIELD GUIDE FOR CONSTRUCTION SITE BEST MANAGEMENT PRACTICES" AND DETAILS AS SHOWN.
- ALL INSTALLED PROTECTION DEVICES SHALL BE INSPECTED AND APPROVED BY THE CARSON CITY CONSTRUCTION INSPECTOR PRIOR TO ANY CONSTRUCTION ACTIVITY.
- BMP'S IN ADDITION TO THOSE INDICATED ON PLAN SHEETS, AND THE CONTRACTOR'S SWPPP MAY BE REQUIRED IF THEY DON'T MEET LOCAL PERFORMANCE STANDARDS.
- 4. ALL BMPs MUST BE INSPECTED WEEKLY, PRIOR TO FORECASTED RAIN EVENTS, AND WITHIN 24 HOURS AFTER ANY EVENT THAT CREATES RUNOFF AT THE SITE.
- ACCUMULATED SEDIMENT MUST BE REMOVED FROM BMPs WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE. SEDIMENT MUST ALSO BE REMOVED WITHIN SEVEN DAYS AFTER A RUNOFF EVENT OR PRIOR TO THE NEXT FORECASTED RAIN EVENT WHICHEVER IS EARLIER.
- IF THE ENTRANCE STABILIZATION IS NOT PREVENTING SEDIMENT FROM BEING TRACKED ONTO PAVEMENT, ALTERNATIVE MEASURES TO KEEP THE STREETS FREE OF
- SEDIMENT SHALL BE USED. THIS MAY INCLUDE STREET SWEEPING, AN INCREASE IN THE DIMENSIONS OF THE ENTRANCE, OR THE INSTALLATION OF A WHEEL WASH. ANY ROCK THAT IS LOOSENED FROM THE ENTRANCE STABILIZATION PAD, WHICH END UP ON THE PAVED ROADWAY SHALL BE REMOVED IMMEDIATELY.
- 8. CONTRACTOR SHALL INSPECT LOCAL ROADS ADJACENT TO THE SITE DAILY, SWEEP OR VACUUM TO REMOVE ANY VISIBLE ACCUMULATED SEDIMENT.
- ANY SEDIMENT THAT IS TRACKED ONTO PAVEMENT SHALL BE REMOVED BY SHOVELING, STREET SWEEPING OR VACUUMING. THE SEDIMENT COLLECTED BY SWEEPING SHALL BE REMOVED OR STABILIZED ON SITE. THE PAVEMENT SHALL NOT BE CLEANED BY WASHING DOWN THE STREET, EXCEPT WHEN SWEEPING IS INEFFECTIVE AND THE IS A THE NEW ACCUSED BY THE STREET OF THE SEDIMENT THE STREET OF TH WOULD THEN BE WASHED INTO THE SUMP WHERE IT CAN BE CONTROLLED
- 10. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING DUST CONTROL WITHIN THE CONSTRUCTION LIMITS AT ALL TIMES.
- THE CONTRACTOR OR HIS QUALIFIED AGENT IS REQUIRED TO ROUTINELY INSPECT ALL AREAS OF DISTURBED AND BARE SOIL, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, ONSITE VEHICLE ENTRANCE AND EXIT LOCATIONS AND ALL ONSITE EROSION AND SEDIMENT CONTROL BMPS.

ABBREVIATIONS

AB	AGGREGATE BASE	N	NORTH
AC	ASPHALTIC CONCRETE	N.I.C.	NOT IN CONTRACT
AGG	AGGREGATE	NTS	NOT TO SCALE
APN	ASSESSORS PARCEL NUMBER	PCC	PORTLAND CEMENT CONCRETE
ASSY	ASSEMBLY	PL	PROPERTY LINE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	PVC	POLYVINYL CHLORIDE
AWWA	AMERICAN WATER WORKS ASSOCIATION	PVMT	PAVEMENT
CATV	CABLE TV	R	RADIUS
CB	CATCH BASIN	ROW	RIGHT OF WAY
CL	CENTER LINE, CLASS	RT	RIGHT
CO	CLEAN OUT	S	SLOPE, SOUTH
COMP	COMPACT/COMPACTED	SCH	SCHEDULE
CONC	CONCRETÉ	SD	STORM DRAIN
C&G	CURB & GUTTER	SDMH	STORM DRAIN MANHOLE
DI	DROP INLET/DUCTILE IRON	SDR	STANDARD DIMENSION RATIO
DTL	DETAIL	SF	SQUARE FEET
DIA, Ø	DIAMETER	SHT	SHEET
DWG	DRAWING	SS	SANITARY SEWER
EXIST	EXISTING	SSMH	SANITARY SEWER MANHOLE
E	EAST	SSPWC	STANDARD SPECIFICATIONS FOR
EA	EACH		PUBLIC WORKS CONSTRUCTION
ELECT	ELECTRIC/ELECTRICAL	STA	STATION
EL, ELEV	ELEVATION	STD	STANDARD
EP	EDGE OF PAVEMENT	STL	STEEL
F	FEET	SVC	SERVICE
FG	FINISH GRADE	T, TELE	TELEPHONE
FL	FLOWLINE	T.B.C.	TOP BACK OF CURB
G	GAS	TOC	TOP OF CURB/TOP OF CONCRETE
GS	GAS SERVICE	TOP	TOP OF PIPE
GRD	GRADE	T.O.V.	TOP OF VAULT
GV	GAS VALVE/GATE VALVE	TRANS	TRANSFORMER
HORIZ	HORIZONTAL	TYP	TYPICAL
HV	HORIZONTAL/VERTICAL	U/G	UNDERGROUND
HYD	HYDRANT	UGE	UNDERGROUND ELECTRIC
INC	INCLUDED/INCLUDING	UL	UNDERWRITERS LABORATORIES
IRR, IRRG	IRRIGATION LINE	VG	VALLEY GUTTER
LAT	LATERAL	VERT	VERTICAL
LF	LINEAL FEET	W	WEST, WATER
MAX	MAXIMUM	 W/	WITH
MDD	MAXIMUM DRY DENSITY	•	
MH	MANHOLE	W/O	WITHOUT WATER SERVICE
MIN	MINIMUM	WS WV	WATER VALVE
MMD	MAXIMUM MARSHAL DENSITY	VV V	WAIER VALVE

I FGFND

LEGEND		
EXISITNG		PROPOSED
	APPROX. PROPERTY LINE	
	CENTER LINE	
	EASEMENT	
	FENCE	
	EDGE OF PAVEMENT	
	CONSTRUCTION NOTE	(XX)
\bowtie	WATER VALVE	
	FIRE HYDRANT	
S	SEWER MANHOLE	
	STORMDRAIN MANHOLE	
-O- _{PP}	POWER POLE	
— — OHP— —	OVERHEAD POWER	
-)	GUY WIRE	

TORMWATER PROTECTION SHEET INDEX & LEGEN S

PUBLIC

Call before you Dig utility lines. It's costly. 1-800-227-2600

SHEET INDEX & STORMWATER PROTECTION PLAN SCALE: 1"=100'





CONSTRUCTION NOTES

- SAWCUT, REMOVE AND DISPOSE OF EXIST AC PAVEMENT.
- 2 SAWCUT, REMOVE AND DISPOSE OF EXIST PCC CURB AND GUTTER.
- 3 SAWCUT, REMOVE AND DISPOSE OF EXIST PCC SIDEWALK.
- 4 SAWCUT, REMOVE AND DISPOSE OF EXIST PCC DRIVEWAY AND DRIVEWAY APRON.
- 5) REMOVE EXISTING CROSSWALK STRIPING.
- 6) PATCH AC PAVEMENT PER STANDARD DETAIL C-5.1.6.
- 7 CONSTRUCT TYPE 1 CURB AND GUTTER PER STANDARD DETAIL C-5.1.3.
- 8 CONSTRUCT TYPE A SIDEWALK PER STANDARD DETAIL C-5.2.2. PROVIDE A MINIMUM OF 4 FEET CLEARANCE AROUND OBSTACLES.
- 9 CONSTRUCT TYPE 1 PCC DRIVEWAY APRON PER STANDARD DETAIL C-5.2.3.
- (10) CONSTRUCT DRIVEWAY PER STANDARD DETAIL C-5.2.3.
- (11) CONSTRUCT MID-BLOCK CURB RAMP PER STANDARD DETAIL C-5.3.9. (DO NOT CONSTRUCT CURB AT BACK OF LANDING)
- (12) ADJUST EXISTING WATER METER PIT SETTER RIM TO FINISH GRADE.

CARSON CITY WORKS DEPARTMENT

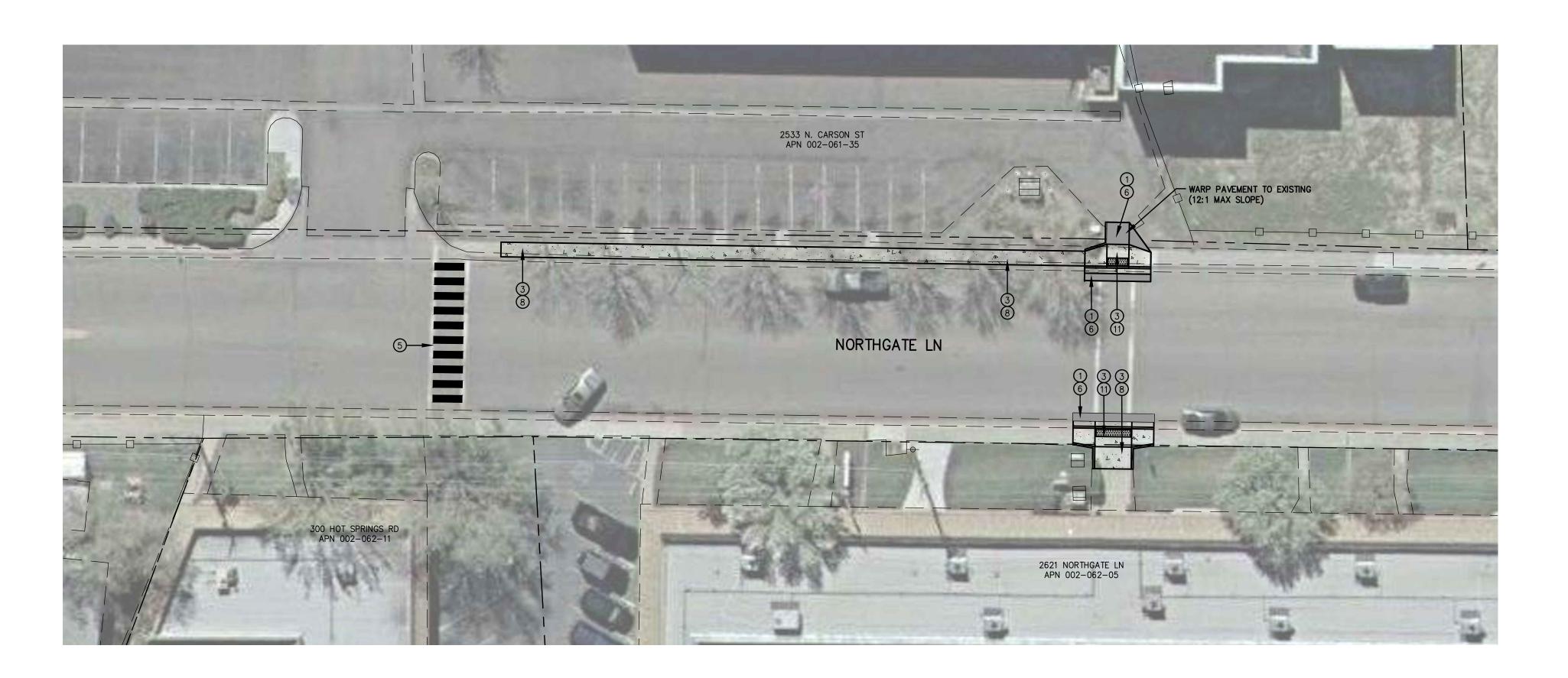
PUBLIC

DANIEL L.
ROTTER
Exp: 12-31-15
CIVIL

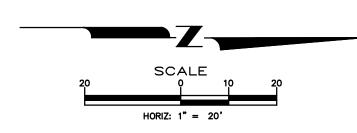
Call

1-800-227-2600

Call before you Dig Avoid cutting underground utility lines. It's costly.



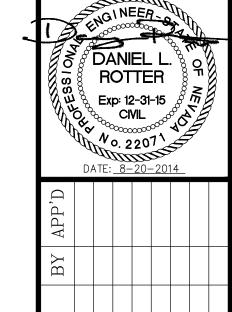




CONSTRUCTION NOTES

- SAWCUT, REMOVE AND DISPOSE OF EXIST AC PAVEMENT.
- 2 SAWCUT, REMOVE AND DISPOSE OF EXIST PCC CURB AND GUTTER.
- 3 SAWCUT, REMOVE AND DISPOSE OF EXIST PCC SIDEWALK.
- 4 SAWCUT, REMOVE AND DISPOSE OF EXIST PCC DRIVEWAY AND DRIVEWAY APRON.
- 5 REMOVE EXISTING CROSSWALK STRIPING.
- 6 PATCH AC PAVEMENT PER STANDARD DETAIL C-5.1.6.
- 7) CONSTRUCT TYPE 1 CURB AND GUTTER PER STANDARD DETAIL C-5.1.3.
- 8 CONSTRUCT TYPE A SIDEWALK PER STANDARD DETAIL C-5.2.2. PROVIDE A MINIMUM OF 4 FEET CLEARANCE AROUND OBSTACLES.
- 9 CONSTRUCT TYPE 1 PCC DRIVEWAY APRON PER STANDARD DETAIL C-5.2.3.
- CONSTRUCT DRIVEWAY PER STANDARD DETAIL C-5.2.3.
- (1) CONSTRUCT MID-BLOCK CURB RAMP PER STANDARD DETAIL C-5.3.9. (DO NOT CONSTRUCT CURB AT BACK OF LANDING)
- (12) ADJUST EXISTING WATER METER PIT SETTER RIM TO FINISH GRADE.



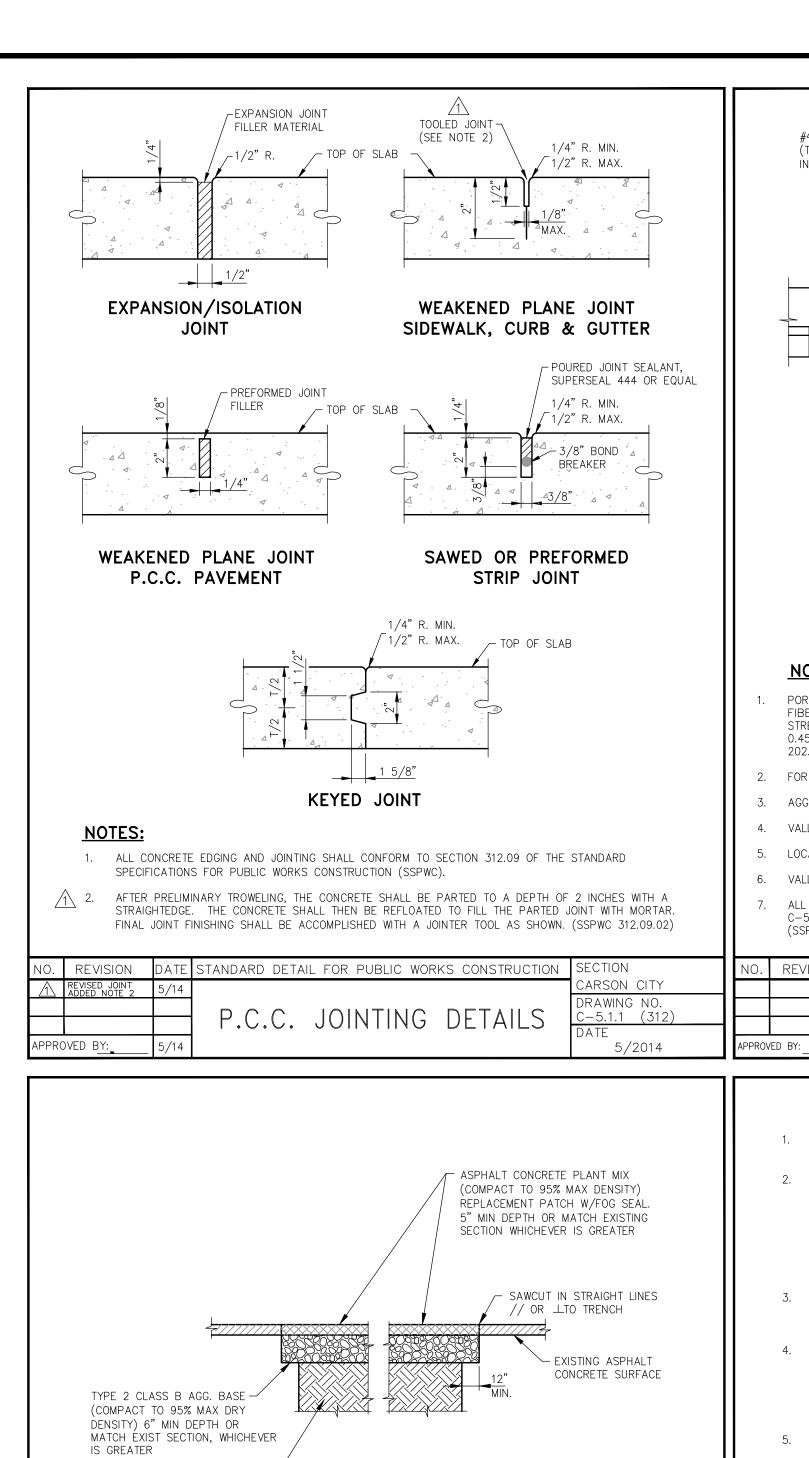


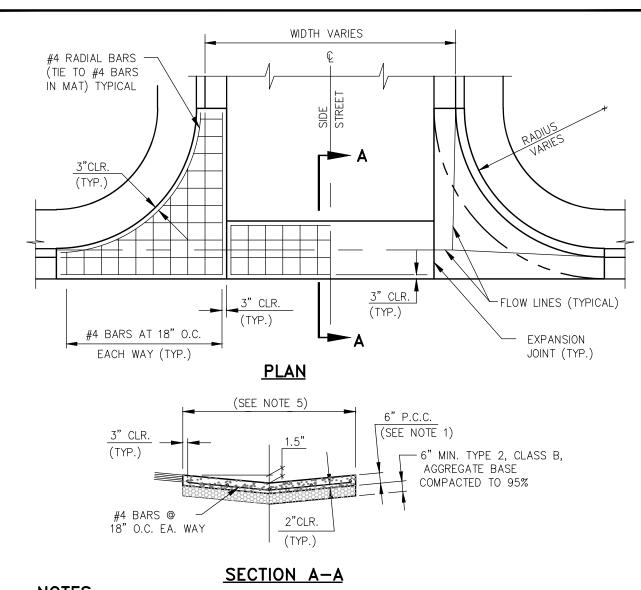
I CITY DEPARTMENT

NORTHGATE I

Call before you Dig Avoid cutting underground utility lines. It's costly. Call







- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD),4000 PSI MIN. COMPRESSIVE STRENGTH @ 28 DAYS, MIN. 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES. ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 202. POLYPROPYLENE FIBERS SHALL BE ADDED TO THE P.C.C. PER THE MANUFACTURER'S RECOMMENDATIONS.
- 2. FOR INDUSTRIAL AREAS, AN ENGINEERED DESIGN IS REQUIRED.
- 3. AGGREGATE BASE SHALL BE ENGINEERED TYPE 2, CLASS B WITH 95% COMPACTION.
- 4. VALLEY GUTTER SHALL HAVE WEAKENED PLANE JOINTS EVERY 10 FEET.
- 5. LOCAL AND COLLECTOR STREETS, WIDTH = 6 FEET. ARTERIAL STREETS (DRIVEWAYS ONLY), WIDTH = 10 FEET.
- 6. VALLEY GUTTER SECTIONS (SPANDRELS) ALONG CURB & GUTTER SHALL BE A MONOLITHIC POUR AS SHOWN. 7. ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL

P.C.C. VALLEY GUTTER

C-5.1.1 AND CONFORM TO SECTION 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION

TANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION SECTION

DRAWING NO.

7/2009

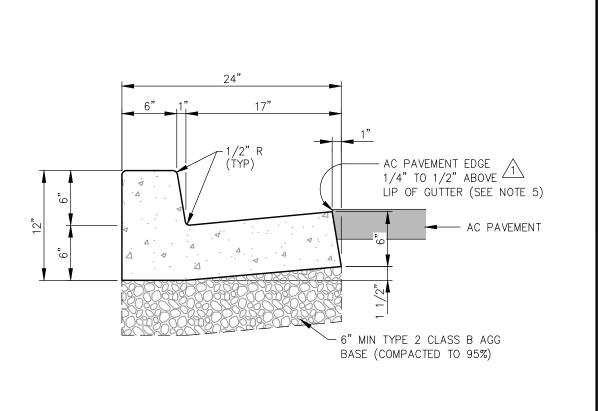
CARSON CITY

5/2014

DRAWING NO. -5.2.1

	NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
•	/1\	AC/LIP	06/12		CARSON CITY
	/2	NOTE 5	05/14		DRAWING NO. C-5.1.3
	APPRO	VED BY: AR	05/14	TYPE 1	DATE 5/2014
	7111110	VED 811	- 03/ 1 1		3/2014

1/2" EXPANSION



- PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL CONFORM TO SECTION 202 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- 2. ALL CONCRETE CURB & GUTTER SHALL HAVE 1/2 INCH EXPANSION JOINTS EVERY 30 FEET (UNLESS APPROVED OTHERWISE BY THE ENGINEER) AND AT ALL CURB RETURNS AND SHALL HAVE WEAKENED PLANE JOINTS EVERY 10 FEET. CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD DETAIL C-5.1.1 AND CONFORM TO SECTION 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND CONFORM TO SECTION 200.01. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, AND SHALL BE MECHANICALLY COMPACTED TO 95% COMPACTION, IN CONFORMANCE WITH SECTION 308.05 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS
- 4. CURBS SHALL BE MARKED WITH A 2 INCH "S" ON THE TOP OF CURB AT SEWER LATERAL LOCATIONS.

/ 2√ 5.	EXCEPTION:	AC PAVEMENT EDGE SHALL BE FLUSH TO 1/4 INCH ABOVE THE LI	P OF GUTTER WHEN LOCATED
	ADJACENT TO	A PEDESTRIAN RAMP, WITHIN AN ACCESSIBLE ROUTE OR BIKE LAI	NE.

CARSON CITY
DRAWING NO. C-5.1.3
DATE
5/2014





1/2" EXPANSION TYPE "A" SIDEWALK

ENT

CIT DEP,

CARSON WORKS

PUB

DANIEL L

ROTTER

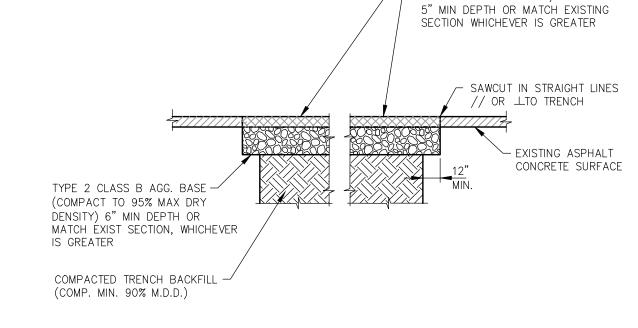
Exp: 12-31-15

DESCRIPTIOI				
DATE				
REV.				

MENTS 2.3	REV.	DATE	
TAILS			

CONSTRUCTION

SHEET C5
 — OF—



NOTES:

- IF SAWCUT IS WITHIN 24 INCHES OF EDGE OF A.C. PAVEMENT REMOVE EXISTING PAVEMENT TO THAT EDGE AND REPLACE ENTIRE SECTION.
- BITUMINOUS MATERIAL SHALL MEET THE REQUIREMENTS OF SECTIONS 201 AND 320 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- MIXING, SPREADING, AND COMPACTING OF BITUMINOUS PAVEMENT SHALL BE DONE ONLY WHEN THE SURFACE ON WHICH THE MATERIALS ARE TO BE PLACED IS DRY AND WHEN THE ATMOSPHERIC TEMPERATURE IS ABOVE 50 DEGREES FAHRENHEIT AND HAS NOT BEEN BELOW 40 DEGREES FAHRENHEIT DURING THE PRECEDING 24 HOURS.
- FINISHED SURFACE VARIATIONS SHALL BE 0 TO 0.25 INCHES <u>ABOVE</u> EXISTING SURFACE. ALL HUMPS EXCEEDING THIS TOLERANCE SHALL BE CORRECTED BY REMOVAL OF MATERIAL AND REPLACING IT WITH NEW MATERIAL. FINISHED SURFACE OF PATCH SHALL NOT BE BELOW EXISTING ADJACENT SURFACE.
- PLANTMIX BITUMINOUS PAVEMENT SURFACE COURSE SHALL BE PG-64-22 TYPE 3 AND SUB SURFACE COURSES SHALL BE PG-64-22 TYPE 3 UNLESS OTHERWISE NOTED.
- PLANTMIX BITMUMINOUS PAVEMENT PATCHES SHALL MATCH EXISTING SECTION OR HAVE A MINIMUM THICKNESS OF 5 INCHES, WHICHEVER IS GREATER.
- PLANS SHALL SPECIFY PAVEMENT PATCH AND AGGREGATE BASE DEPTHS AS SPECIFIED BY THE DESIGN ENGINEER.

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
1	5" AC DEPTH	09/11		CARSON CITY
			PAVEMENT PATCH	DRAWING NO. C-5.1.6
			I AVENIENT I ATOTT	DATE
APPRO	VED BY:	_ 09/11		09/201

1.	NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED AND APPROVED BY CARSON CITY PUBLIC WORKS.
2.	PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC

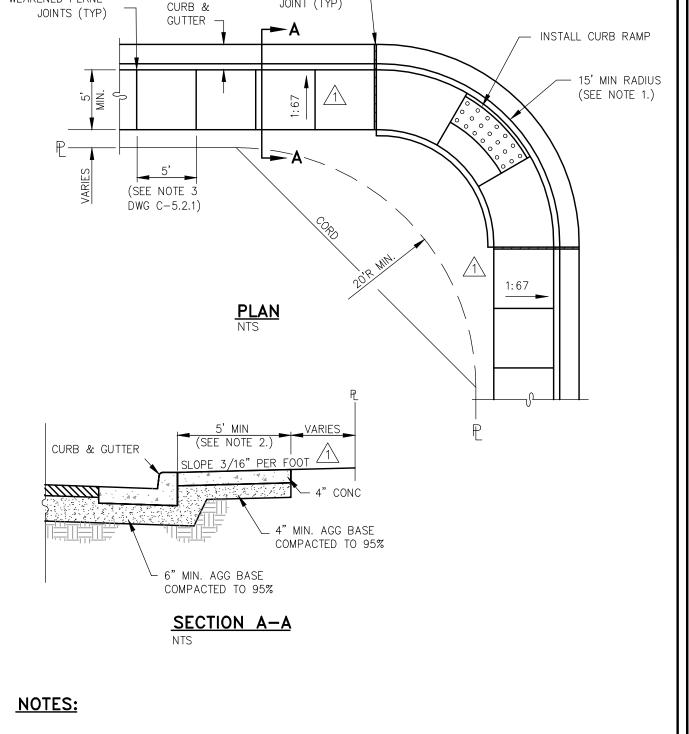
- FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), WITH COARSE AGGREGATE GRADATION CONFORMING TO SIZE No. 67 PER SECTION 200.05.03 OF THE STANDARD SPECIFICATIONS, AND SHALL HAVE A 1 TO 4 INCH SLUMP, AND 4 TO 7 PERCENT ENTRAINED AIR. 4000 PSI MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF TYPE II CEMENT PER CUBIC YARD WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 202. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- 3. ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DETAIL C-5.1.1 AND CONFORM TO SEC. 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- 4. IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, FIRE HYDRANTS, ETC. ARE ENCOUNTERED, THE LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL BY CARSON CITY PUBLIC WORKS. A MINIMUM SURFACE OF 5 FEET X 5 FEET CLEAR IS REQUIRED WHEN DIRECTION OF TRAVEL MAY CHANGE AND A MINIMUM SURFACE OF 4 FEET CLEAR IS REQUIRED WHERE DIRECTION OF TRAVEL IS NOT EXPECTED TO CHANGE, UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
- 5. EXISTING CONCRETE SHALL BE REMOVED TO A NEAT SAWCUT LINE OR NEAREST EXPANSION JOINT.
- 6. ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND SHALL CONFORM TO SEC.200.01. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- 7. NEW CONCRETE SHALL HAVE A HEAVY BROOM FINISH PERPENDICULAR TO SIDEWALK.
- $_{\lambda}$ 8. AC PAVEMENT EDGE SHALL BE 1/4 INCH TO 1/2 INCH ABOVE THE LIP OF GUTTER. EXCEPTION: AC PAVEMENT EDGE SHALL BE FLUSH TO 1/4 INCH ABOVE THE LIP OF GUTTER WHEN LOCATED ADJACENT TO A PEDESTRIAN RAMP, WITHIN AN ACCESSIBLE ROUTE OR BIKE LANE.

D. | REVISION | | DATE | STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION | SECTION

PPROVED BY: 25/14

SIDEWALK AND DRIVEWAY

GENERAL NOTES



- MINIMUM CURB RETURN RADIUS SHALL BE 15 FEET UNLESS OTHERWISE APPROVED BY THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR.
- 2. SOME STREETS MAY REQUIRE WIDER SIDEWALKS.

┨	NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
	/1\	SLOPE	06/14		CARSON CITY
				TYPE "A" SIDEWALK	DRAWING NO. C-5.2.2
	APPRO\	/ED BY: BS	06/14	(MODIFIED)	DATE 7/2009

NO.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
/1\	NOTE 1	05/14		CARSON CITY
<u>/2</u>	SLOPE	06/14	P.C.C. DRIVEWAY APRON	DRAWING NO. C-5.2.3
			TYPE 1 (MODIFIED)	DATE
APPR0	VED BY:	05/14	IIIL I (MODIIILD)	5/2014

2. DRIVEWAY LANDING, SIDEWALK, CURB & GUTTER TO BE MONOLITHIC POUR TO A.C. LINE.

SECTION A-A

COMMERCIAL DRIVEWAYS TO HAVE 6 INCH X 6 INCH 10/10 WIRE MESH EXTENDED INTO GUTTER PAN

CURB HEIGHT AT LANDING SHALL BE 1 INCH MINIMUM AND 2 INCH MAXIMUM (3 INCH MAX UPON

CARSON CITY PUBLIC WORKS APPROVAL) 2 INCH RADIUS TO BE USED WHEN CURB HEIGHT AT

4. DRIVEWAY APRONS SHALL BE CONSTRUCTED IN COMPLIANCE WITH STANDARD DETAILS C-5.1.1 AND

A DRIVEWAY

DRIVEWAY DRIVEWAY
TRANSITION

MONOLITHIC

REINFORCEMEN^{*}

1/2" EXPANSION JOINT —

CURB AS NEEDED

1/2" EXPANSION

4.4.

EDGE OF DRIVEWAY -

TRANSITION

MIN. 6" TYPE 2, CLASS B

UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.

AGGREGATE BASE

MAX. DRY DENSITY)

(COMP. TO 95%

LANDING IS GREATER THAN 2 INCHES.

CONSTRUCT P.C.C.

RETAINING CURB

MATCH EXISTING DRIVEWAY -

SURFACE TREATMENT

CONSTRUCT PCC RETAINING

- 1. NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED BY CARSON CITY ENGINEERING DIVISION.
- 2. PORTLAND CEMENT CONCRETE (P.C.C.) SHALL HAVE THE FOLLOWING CHARACTERISTICS: SYNTHETIC FIBER-REINFORCEMENT (AT A MINIMUM OF 1 POUND PER CUBIC YARD), 4000 PSI MIN COMPRESSIVE STRENGTH @ 28 DAYS, MIN 6 SACKS OF CEMENT PER CUBIC YARDS WITH A MAX. WATER/CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 1 TO 4 INCHES ALL MATERIALS SHALL CONFORM TO SSPWC SECTION 202. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.
- ALL CONCRETE EDGING AND JOINTING SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. DETAIL C-5.1.1
 AND CONFORM TO SEC. 312.09 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION
 (SSPWC).
- 4. IF OBSTRUCTIONS SUCH AS INLETS, UTILITY POLES, FIRE HYDRANTS, ETC. ARE ENCOUNTERED, THE LOCATION AND DIMENSIONS MAY BE ADJUSTED UPON APPROVAL BY CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. A MINIMUM LANDING OF 5 FEET X 5 FEET CLEAR IS REQUIRED WHEN DIRECTION OF TRAVEL MAY CHANGE. A MINIMUM OF 4 FEET CLEAR IS MAY BE USED UPON APPROVAL OF THE CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR WHERE DIRECTION OF TRAVEL IS NOT EXPECTED TO CHANGE.
- 5. WHEN A CROSSWALK IS SERVICED BY RAMP, LANDINGS SHALL BE CONTAINED WITHIN THE CROSSWALK
- 6. EXISTING CONCRETE SHALL BE REMOVED TO A NEAT SAWCUT LINE OR NEAREST EXPANSION JOINT.
- 7. PLANTMIX BITUMINOUS SURFACE SHALL BE FLUSH WITH THE EDGE OF THE GUTTER PAN IN THE AREA OF THE CURB RAMP. GUTTER SHALL MAINTAIN POSITIVE DRAINAGE TO PREVENT PONDING.
- 8. ALL AGGREGATE BASE SHALL BE TYPE 2, CLASS B AND SHALL CONFORM TO SEC.200.01. OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
- 9. NEW CONCRETE SHALL HAVE A HEAVY BROOM FINISH PERPENDICULAR TO SIDEWALK.
- 10. DETECTABLE WARNINGS SHALL BE EAST JORDAN IRON WORKS 7005 SERIES CAST IRON DETECTABLE WARNING PLATES OR APPROVED EQUAL. INSTALLED PER MANUFACTURERS INSTALLATION GUIDELINES AND CONFORM TO ADAAG (4.29) "DETECTABLE WARNINGS". COLOR: ASPHALT DIPPED UNLESS OTHERWISE APPROVED BY CARSON CITY ENGINEER OR PUBLIC WORKS DIRECTOR. RADIAL DETECTABLE WARNINGS SHALL BE USED WHEN REQUIRED TO MAINTAIN MINIMUM CLEARANCE OF 3 INCHES AND MAXIMUM CLEARANCE OF 8 INCHES FROM DETECTABLE WARNINGS TO BACK FACE OF CURB. RADIAL DETECTABLE WARNINGS SHALL HAVE A RADIUS WITHIN 5 FEET OF BACK FACE OF CURB RADIUS.
- 11. AC PAVEMENT EDGE SHALL BE 1/4 INCH TO 1/2 INCH ABOVE THE LIP OF GUTTER.

 EXCEPTION: AC PAVEMENT EDGE SHALL BE FLUSH TO 1/4 INCH ABOVE THE LIP OF GUTTER WHEN LOCATED ADJACENT TO A PEDESTRIAN RAMP OR WITHIN AN ACCESSIBLE ROUTE.

NO. | REVISION | DATE | STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION | SECTION

APPROVED BY: 6/12

CURB RAMP

GENERAL NOTES

RETAINING CURB SEE DETAIL 1 1/2" EXPANSION JOINT 1:12 MAX 05 1:12 MAX	CAST IRON DETECTABLE WARNING PLATES FULL WIDTH OF LANDING 1:12 MAX W "S "S "S "S "S "S "S "S "S
6' MIN. 5' MIN.	SIDE!
PLAN NTS	CURB & GUTTER
5' MIN. 6" MIN. SEE DETAIL "1" 4" MIN. CAST IRON DETECTABLE WARNING PLATES	P.C.C. RETAINING CURB ELEV TO MATCH BACK OF SIDEWALK ADJACENT TO CURB RAMP VARIES DEPENDING ON WIDTH OF SIDEWALK 1:50
SECTION A-A NTS	1/2" EXPANSION JOINT DETAIL 1 NTS

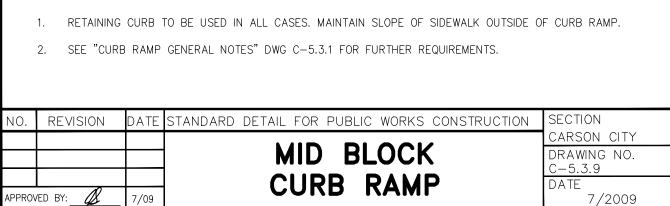
NOTES:

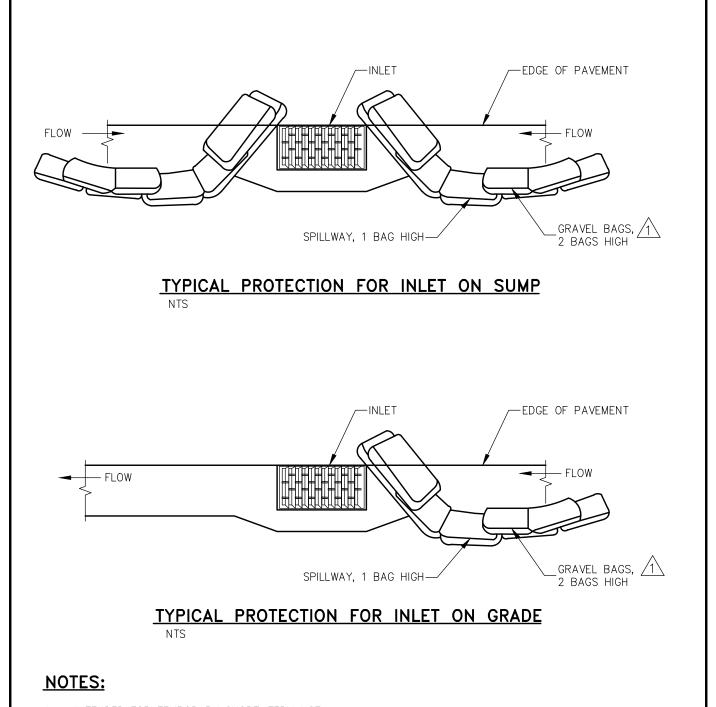
CARSON CITY

6/2012

DRAWING NO.

0-5.3.1





- 1. INTENDED FOR TEMPORARY SHORT-TERM USE.
- 2. USE TO MANAGE CURB WATER FLOW.
- 3. SEDIMENT CAPTURED BEHIND GRAVEL BAGS SHALL BE REMOVED WEEKLY DURING CONSTRUCTION.
- SEDIMENT CAPTURED BEHIND GRAVEL BAGS SHALL BE REMOVED WEEKLY DURING CONSTRUCTION.
- 4. INLET PROTECTION MUST BE PROPERLY MAINTAINED WHILE IN PLACE AND REMOVED WHEN REQUIREMENTS OF NDEP PERMIT HAVE BEEN MET.
- 5. GRAVEL BAGS SHALL BE FILLED WITH 3/4 INCH WASHED ROCK.

NQ.	REVISION	DATE	STANDARD DETAIL FOR PUBLIC WORKS CONSTRUCTION	SECTION
/1\	GRAVEL BAG	05/14		CARSON CITY
			STORM DRAIN INLET	DRAWING NO. C-4.1.7
			PROTECTION	DATE
APPROV	/ED BY: BS	5/2014		

DESIGNED BY: BD

DRAWN BY: BD

CHECKED BY: DA

DWG NO.: 03-1302-38S1

SCALE (HORIZ): N/A

SCALE (VERT). X"=XX'

CARSON CITY
WORKS DEPARTMENT

3505 BUTTI WAY CARSO PH: 775-887-2355



DATE: <u>8-20-2014</u>								
BY APP'D								
BY								
DESCRIPTION								
REV. DATE								
REV.								

PEDESTRIAN IMPROVEMENTS
PROJECT No. 03.1302.3
CONSTRUCTION DETAILS

SHEET **C6**— OF —