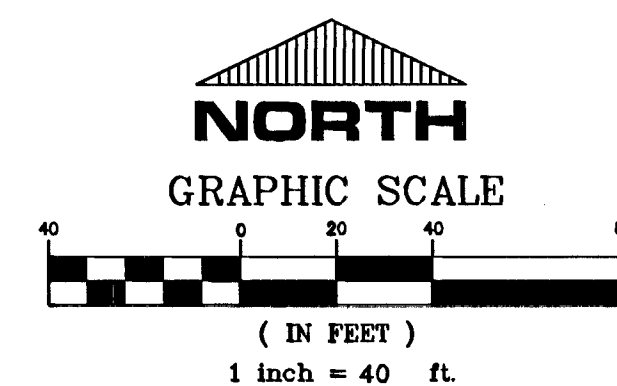


MATCHLINE STA 111+87.55 SEE SHEET SS1

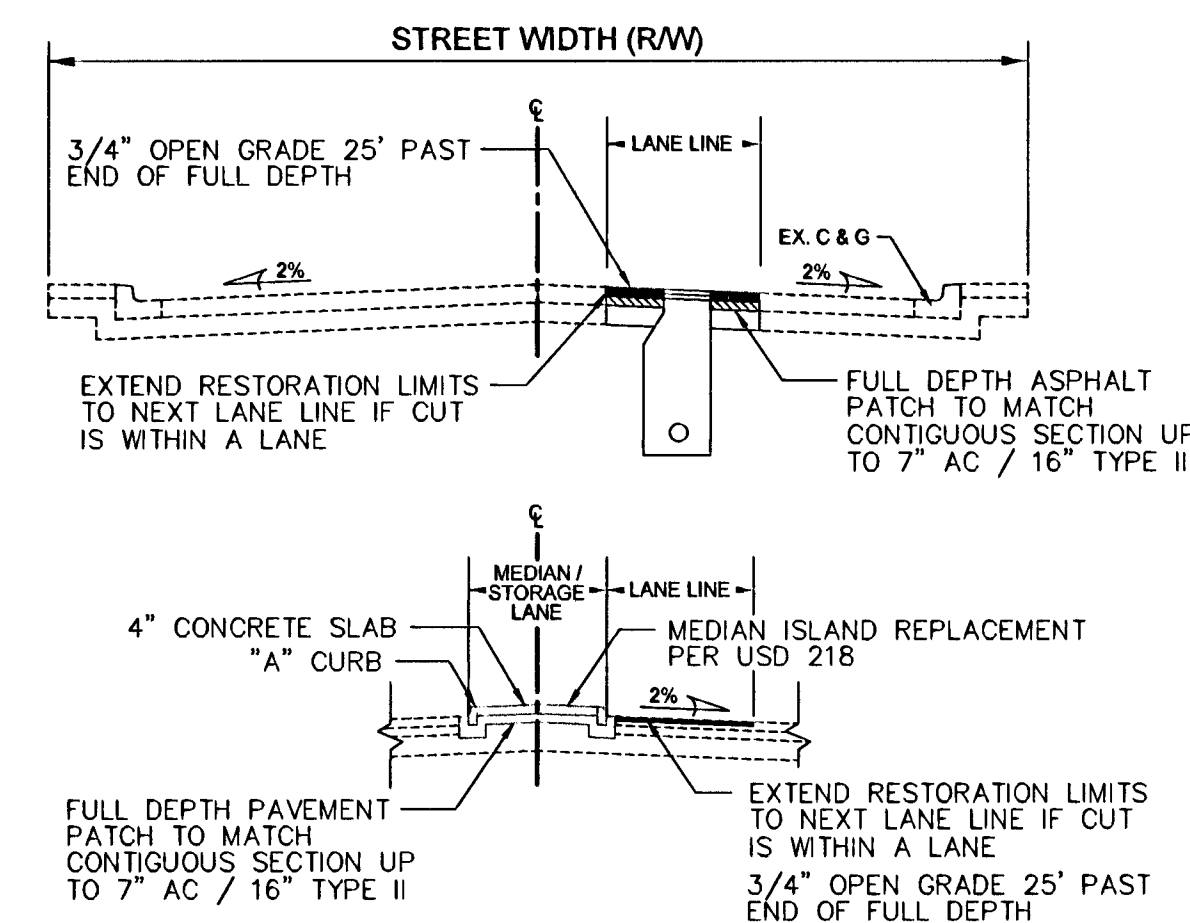
MATCHLINE STA 120+35.73 SEE SHEET SS3



CONSTRUCTION KEY NOTES

1. INSTALL NEW 30-INCH CIPP LINER IN EXISTING PIPE PER DETAIL SHOWN IN RELINE SCHEDULE.
2. INSTALL COATING IN EXISTING 48-INCH MANHOLE PER SECTION 691 OF SPECIAL PROVISIONS.
3. INSTALL NEW 27-INCH CIPP LINER IN EXISTING PIPE PER DETAIL SHOWN IN RELINE SCHEDULE.
4. INSTALL COATING IN EXISTING 10'8" x 8' JUNCTION STRUCTURE PER SECTION 691 OF SPECIAL PROVISIONS. SEE JUNCTION BOX AS-BUILT ON SHEET GN FOR REFERENCE.
5. REMOVE EXISTING 48-INCH MANHOLE.
6. CONSTRUCT 72-INCH MANHOLE PER DCWSCS STANDARD DRAWING SD-1. INSTALL COATING IN MANHOLE PER SECTION 691 OF SPECIAL PROVISIONS.
7. INSTALL WATERLINE IN STEEL CASING PER UDACS PLATE NO. 21 & 23. DUCTILE IRON PIPE WITH RESTRAINED JOINTS IS REQUIRED. ANULAR SPACE BETWEEN PIPE AND CASING SHALL BE FILLED WITH CLASS 1 CLSM.
8. REMOVE 800±-SQ.FT OF EXISTING LEFT TURN MEDIAN ISLAND TO AVOID NEW 72-INCH SEWER MANHOLE. REPLACE 150-SQ.FT± OF FULL DEPTH A.C. TO MATCH CONTIGUOUS SECTION PER USD 500.3. RECONSTRUCT LEFT TURN STORAGE PER USD 246, REPLACE 894±-SQ.FT OF MEDIAN ISLAND PER USD 218 AND DETAIL IN SHEET SS2

ESTIMATED FLOW DATA					
	LOCATION	AVERAGE FLOW (MGD)	PEAKING FACTOR	PEAK FLOW (MGD)	OBSERVED PEAK FLOW (MGD)
⑤	CHARLESTON BLVD, EAST OF ATLANTIC ST	3.00	2.36	7.07	3.0 5.0 4.2
					3/12/2009 4/24/2003 10/25/2001



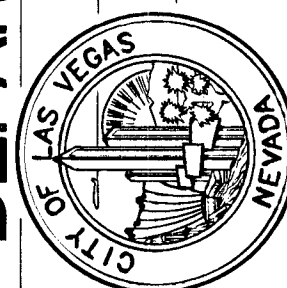
☒ A.C. PAVEMENT REPLACEMENT ☐ 3/4" OPEN GRADE
PAVEMENT PATCHING DETAILS

NOTE: AC / MEDIAN REMOVAL AND REPLACEMENT SHOWN IS FOR BIDDING PURPOSES ONLY PER NDOT ENCROACHMENT PERMIT. ACTUAL LIMITS TO BE DETERMINED BY NDOT INSPECTOR



REVISIONS

DEPARTMENT OF PUBLIC WORKS
 CAPITAL PROJECT MANAGEMENT
 CITY ENGINEER: DAVID N. BOWERS, P.E., P.T.O.E.
 PROGRAM MANAGER: JEREMY LEAVITT, PE

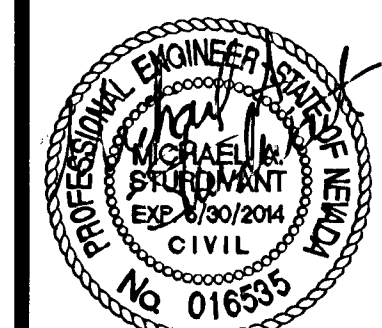


TITLE: CHARLESTON BLVD - FREMONT TO SANDHILL
 SANITARY SEWER REHABILITATION

PLAN AND PROFILE

STATION 111+88 TO 120+35.73

SHEET:



Sheet

SS2

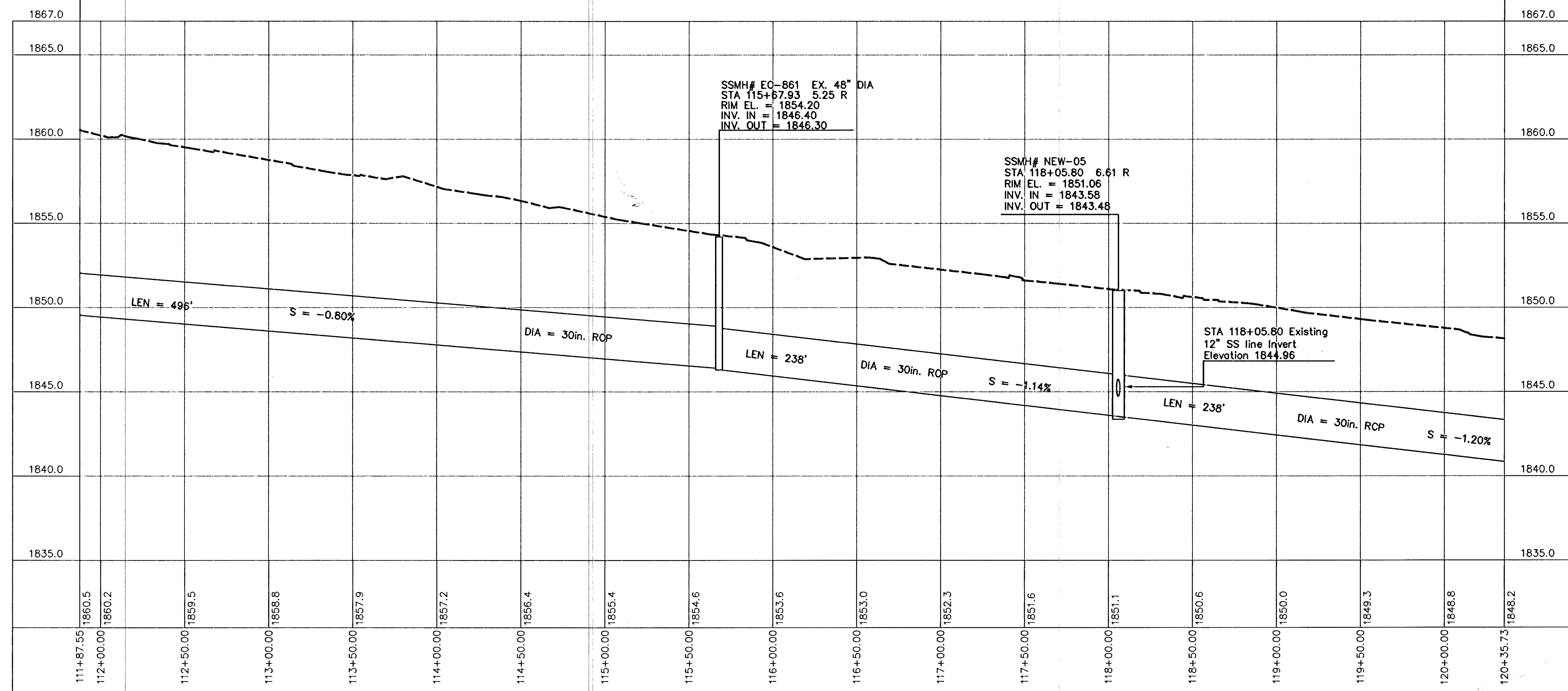
4 of 14

DRAWING NO. 307V1037

DATE: DECEMBER 2012

DESIGNED BY: MS
DRAWN BY: BD / BJP
CHECKED BY: JL

NO. DATE: DESCRIPTION
 APP'D



LINE TABLE		
LINE	LENGTH	BEARING
L1	70.23	N89°48'52\"E
L2	13.00	N00°09'38\"W
L3	151.20	N89°45'02\"E
L4	3.18	S00°10'21\"E

CURVE TABLE		
CURVE	LENGTH	RADIUS
C1	37.02	149.00
C2	44.78	200.00