WATER METER IMPROVEMENTS

CITY OF LOVINGTON, NEW MEXICO

FUNDING SOURCE:

SAP 13-1458-STB
SAP 14-1642-STB
SAP 16-A2269-STB

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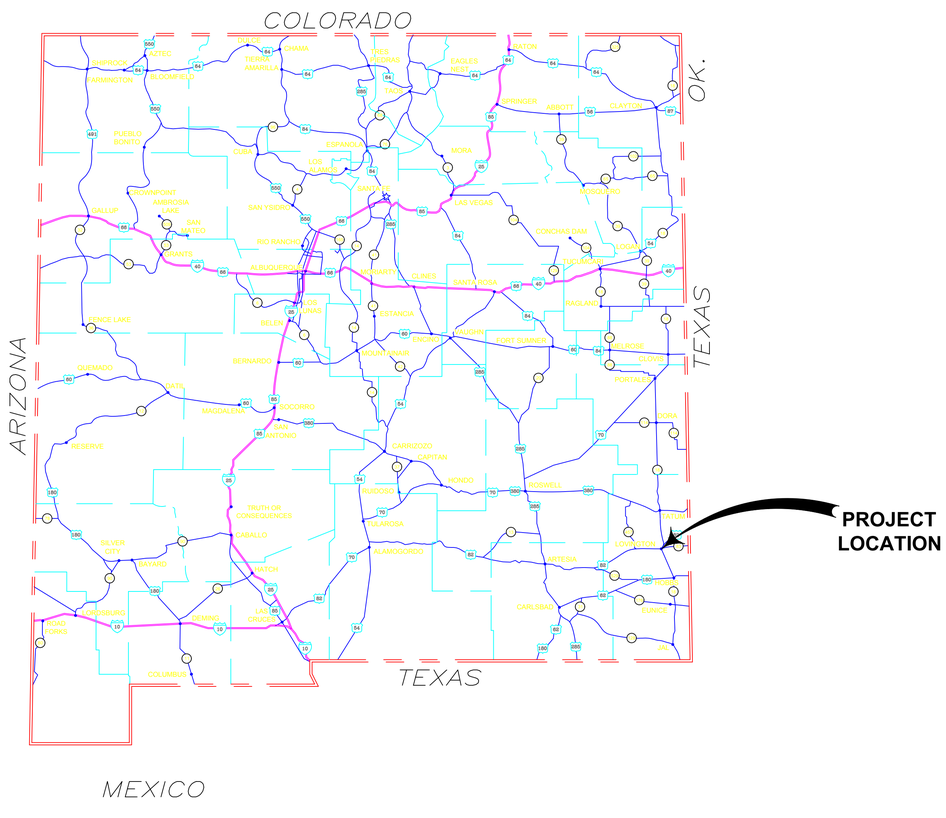
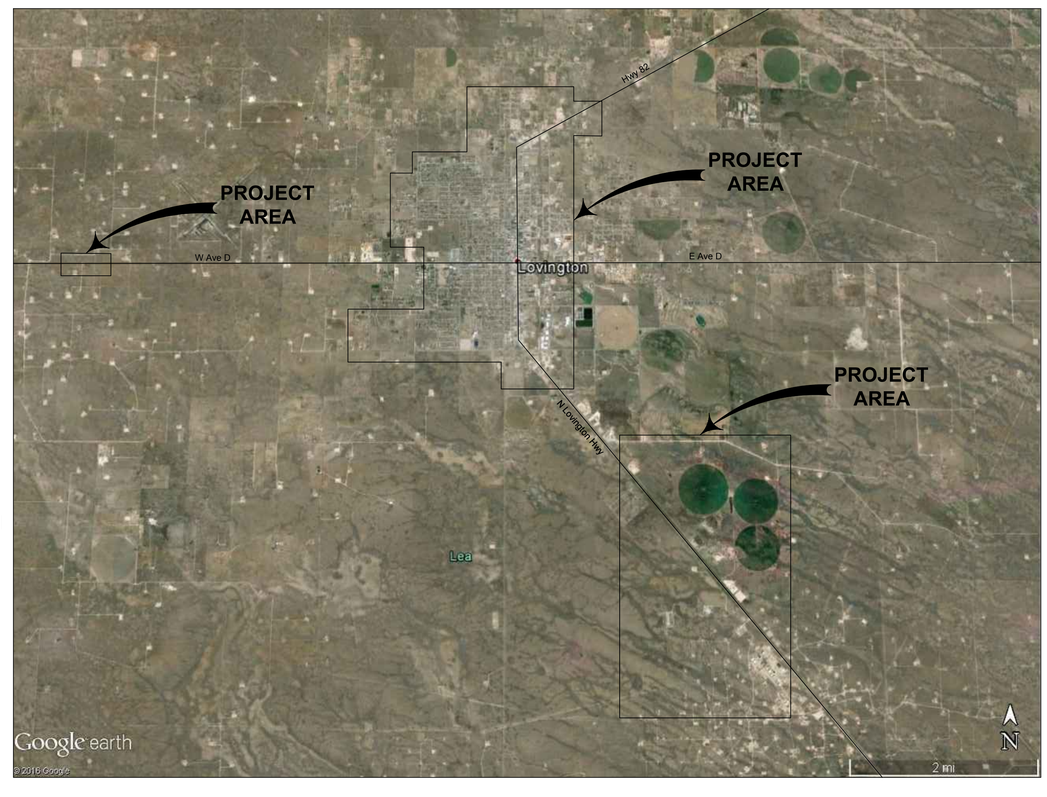


LOCATION MAP
NOT TO SCALE



VICINITY MAP

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

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DAVID A. ROYBAL NEW MEXICO 23576 PROFESSIONAL ENGINEER
11/07/2016

PROJECT ENGINEER:	David Roybal, PE
PROJECT DESIGNER:	David Roybal, PE
DRAWN BY:	Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

COVER SHEET

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

SHEET: C-001

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GENERAL NOTES

1. NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (NMSSPWC) CURRENT EDITION SHALL APPLY TO THIS PROJECT. REFER TO STANDARD DRAWINGS FOR THE NMSSPWC, LATEST EDITION UNLESS OTHERWISE NOTED.

2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES AND GOVERNMENTAL REGULATIONS. BEFORE WORK MAY BEGIN, CONTRACTOR SHALL SECURE ALL APPROPRIATE PERMITS AT CONTRACTOR'S EXPENSE. PERMIT AND APPROVAL MAY BE REQUIRED FROM NMDOT, DISTRICT #2, PRIOR TO CONSTRUCTION WITHIN U.S. OR STATE HIGHWAY RIGHT OF WAY.

3. ALL DATA SHOWN HEREIN CONCERNING EXISTING PRIVATE AND/OR PUBLIC OWNED UTILITIES HAVE BEEN OBTAINED FROM THE OWNERS AND/OR FIELD OBSERVATIONS. THESE MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR IS CAUTIONED THAT THEY ARE RESPONSIBLE FOR THE EXACT LOCATION AND PROTECTION OF ALL LINES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING, IN ADVANCE OF CONSTRUCTION OPERATIONS, IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION IS EVIDENT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT IS INCIDENTAL TO THE PROJECT.

4. THE CONTRACTOR SHALL NOTIFY THE CITY OF LOVINGTON AT LEAST 48 HOURS PRIOR TO EXCAVATION WITHIN EXISTING CITY STREETS OR HIGHWAYS.

5. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT NEW MEXICO 811 (FORMERLY NEW MEXICO ONE CALL) A MINIMUM OF 2 WORKING DAYS BEFORE EXCAVATION. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL DESIGNATED UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

6. PRIOR TO CONSTRUCTION IN ANY AREA, THE CONTRACTOR SHALL VERIFY, VIA PRELIMINARY FIELD SURVEY TO BE COORDINATED WITH THE CITY, THE HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND OBSTRUCTIONS. IN PARTICULAR, THE EXACT LOCATIONS AND MATERIALS OF ALL EXISTING WATER LINES AT PROPOSED CONNECTIONS SHALL BE VERIFIED BY THE DIRECT EXCAVATION OR "POT HOLING" IN ORDER TO IDENTIFY THE DETAILS OF CONNECTION PRIOR TO THE PARTICULAR SEQUENCE OF WORK. SHOULD A CONFLICT BE VERIFIED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER SO THE CONFLICT MAY BE RESOLVES. THE OWNER OR ENGINEER SHALL NOT BE RESPONSIBLE FOR DELAY OR ADDITIONAL COST RESULTING FROM CONTRACTORS FAILURE TO FOLLOW THIS PROCEDURE.

7. ALL GAS, ELECTRICAL, TELEPHONE LINE CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY RELOCATIONS, ENCROACHMENTS, TEMP ACCESS, AND ADJUSTMENT TO GRADE OF MANHOLES AND VALVE COVERS.

8. TRAFFIC CONTROL WILL BE IMPLEMENTED BY CONTRACTOR PER MUTCD 2009 EDITION. TYPICAL STREET AND HIGHWAY TRAFFIC CONTROL DETAILS ARE PROVIDED, AND CONTRACTOR SHALL FURNISH THE TRAFFIC CONTROL AS PROVIDED THEREIN, TO COINCIDE WITH SEQUENCING OF CONSTRUCTION. CONTRACTOR MUST MAINTAIN ACCESS TO ALL PRIVATE RESIDENCES. CONTRACTOR SHALL FURNISH A TRAFFIC CONTROL PLAN (DRAWING) WITH ANY DETOUR ARRANGEMENTS TO THE CITY OF LOVINGTON PRIOR TO COMMENCING WORK. CONTRACTOR MUST NOTIFY THE CITY OF LOVINGTON POLICE DEPARTMENT 72 HOURS IN ADVANCE OF STARTING OR ALTERING ANY TRAFFIC CONTROL PROGRAM.

9. DRIVEWAY ACCESS TO RESIDENTIAL HOMES SHALL BE AVAILABLE DURING THE HOURS OF 6:00 PM TO 8:00 AM, AND ALL BUSINESSES SHALL HAVE 24 HOUR ACCESS EXCEPT IN EMERGENCIES, CONTRACTORS SHALL ASSIST IN ANY ARRANGEMENTS FOR "SPECIAL NEEDS" RESIDENTS, AND SHALL AT ALL TIMES PROVIDE NOTIFICATION TO AFFECTED RESIDENTS PRIOR TO ANY DRIVEWAY ACCESS SHUTDOWNS OR WATER AND SEWER SERVICE SHUTDOWNS, THROUGH "DOOR HANGER" NOTICES AND PUBLIC INFORMATION ANNOUNCEMENTS, AT LEAST 48 HOURS IN ADVANCE. CONTRACTOR SHALL SUBMIT "DOOR HANGER" NOTICE TO CITY FOR APPROVAL PRIOR TO POSTING HANGERS IN THE FIELD.

10. THE CONTRACTOR SHALL NOT ALLOW THEIR CONSTRUCTION, STORAGE, OR PARKING OF EQUIPMENT OR VEHICLES TO ENCROACH ON PRIVATE PROPERTY EXCEPT WHERE PERMANENT OR TEMPORARY EASEMENTS HAVE BEEN GRANTED. IN ANY CASE, THE CONTRACTOR SHALL OBSERVE THE FOLLOWING CONDITIONS:
    - 10.1. THE CONSTRUCTION AREA SHALL BE KEPT TO THE MINIMUM WIDTH REQUIRED FOR THE OPERATION
    - 10.2. NO TREES SHALL BE REMOVED, UNLESS AUTHORIZED BY THE OWNER.
    - 10.3. ALL DISTURBED, UNPAVED AREAS SHALL BE MULCHED, FERTILIZED, AND RESEEDED WITH NATIVE GRASSES.
    - 10.4. ANY DAMAGE DONE TO STRUCTURES, PAVING, GRAVEL, FENCES, UTILITY POLES, CULVERTS, ETC. SHALL BE PROMPTLY REPAIRED BY THE CONTRACTOR AT NO COST TO THE CITY OF LOVINGTON.

11. ALL NEW PIPING THRUST RESTRAINTS SHALL BE PROVIDED BY RESTRAINED JOINT SYSTEMS. IN ADDITION, CONCRETE THRUST BLOCKING SHALL BE UTILIZED IN THOSE LOCATIONS WHERE EXISTING PIPING CONNECTIONS PREVENT FULL DEVELOPMENT OF RESTRAINED LENGTH OF PIPE BY NEW PIPE CONNECTIONS. ALL THRUST RESTRAINTS ARE TO MEET 200 PSI TEST PRESSURE CONDITIONS.

12. ALL PVC PIPE FOR WATER MAINS SHALL BE MINIMUM AWWA C-900, DR-18 FOR THIS PROJECT. ALL DUCTILE IRON PIPE SHALL BE AWWA C-150, THICKNESS CLASS 50 OR BETTER ALL FITTINGS SHALL BE DUCTILE IRON, CLASS 250 PSI, OR BETTER.

13. EXISTING PAVEMENT SHALL BE CUT TO STRAIGHT EDGES TO AVOID ANY BROKEN OR CRACKED PAVEMENT.

14. CHANGES SHALL NOT BE MADE TO THESE PLANS WITHOUT THE SPECIFIC APPROVAL OF THE CITY OF LOVINGTON AND THE ENGINEER. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION METHODS OR TECHNIQUES OR FOR THE PROSECUTION OF THE WORK AS SHOWN ON THESE PLANS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACTS OF OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, OR OTHER PERSONS PERFORMING ANY OF THE WORK OF FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

15. NO UNDERGROUND INVESTIGATIONS HAVE BEEN UNDERTAKEN FOR THIS PROJECT. THE CONTRACTOR IS ADVISED TO FULLY INVESTIGATE ROCK EXCAVATING CONDITIONS PRIOR TO BIDDING BY POTHOLING, OR OTHER MEANS, IN ORDER TO BE FULLY AWARE OF THE PROJECT CONDITIONS.

16. ALL PIPING, VALVES, FITTINGS, AND SERVICES UTILIZED FOR POTABLE WATER SERVICE, SHALL BE DISINFECTED IN ACCORDANCE WITH NMED REQUIREMENTS. PIPELINES SHALL BE DISINFECTED IN ACCORDANCE WITH AWWA C-651. WITH LIQUID CHLORINE SOLUTION. ADDITIONAL DISINFECTION, FLUSHING AND SAMPLING REQUIREMENTS AND DETAILS ARERERENCED IN SECTION 801.17 OF THE STANDARD SPECIFICATIONS.

17. ALL RESIDENTS AFFECTED BY WATER METER REPLACEMENTS SHALL BE NOTIFIED IN WRITING 48 HOURS IN ADVANCE OF CONSTRUCTION. THE WINDOW OF TIME WHEN WATER IS TURNED OFF TO EACH HOME SHALL BE MINIMIZED.

18. PRIOR TO CONSTRUCTION THE SIZE AND CONDITION OF EXISTING WATER METERS SHALL BE OBSERVED AND DOCUMENTED IN ACCORDANCE WITH SECTION 01025 OF THE TECHNICAL SPECIFICATIONS. REPLACEMENT WATER METERS SIZE SHALL MATCH EXISTING.

19. CONTRACTOR SHALL RESTORE SITE TO PREVIOUS CONDITION UPON COMPLETION OF WORK INCLUDING LANDSCAPING AND GRAVEL.

20. ANY DAMAGE CAUSED BY CONTRACTOR TO EXISTING SERVICE LINE SHALL BE REPAIRED AT CONTRACTORS EXPENSE.

21. IF THE METER CAN AND LID ARE DAMAGED TO THE POINT THAT THEY CANNOT BE RE-USED, THEY SHALL BE REPLACED WITH NEW 18P METER BOX ASSEMBLY WITH CAST IRON RING AND LIDS (LIDS TO BE PROVIDED BY OWNER) UPON APPROVAL FROM THE CITY'S WATER & WASTEWATER SUPERVISOR. NEW METER BOXES SHALL BE EJ PRODUCT NUMBER 3223400A12 OR AN APPROVED EQUAL. THE DAMAGED MATERIALS SHALL BE SALVAGED BACK TO THE CITY. DOCUMENT ALL METER NUMBERS AND ADDRESSES THAT REQUIRE REPLACED CANS FOR PAYMENT. ANY DAMAGED METER CAN REQUIRING REPLACEMENT THAT IS LOCATED IN A DRIVEWAY OR WHERE VEHICLES MAY DRIVE OVER IT SHALL BE PLACED ON A BLOCK FOOTER AND A NOTCH SHALL BE CUT OUT OF THE CAN WHERE THE SERVICE LINE EXITS.

22. ANY INCREASE IN WATERBILL CAUSED BY DOCUMENTED CONTRACTOR DAMAGE TO EXISTING LINE OR WATER LOSS SHALL BE PAID BY THE CONTRACTOR.

23. WHEN INSTALLING A NEW METER, ENSURE THAT IT IS THREADED PROPERLY AND NEW CORRECT GASKETS ARE INSTALLED AND TIGHTENED PROPERLY.

24. TEST EACH METER TO VERIFY SEALS ARE WATER TIGHT PRIOR TO MOVING ON. ANY CLEARLY DOCUMENTED WATER LEAKS IN THE SERVICE LINE OR AT THE METER CONNECTION THAT RESULT IN INCREASED WATER BILLS WILL BE CHARGED TO THE CONTRACTOR.

25. IF THERE IS AN EASILY ACCESSIBLE OUTDOOR FAUCET, THE CONTRACTOR SHALL BLEED THE AIR OUT OF THE WATERLINE BEFORE MOVING ON.

26. CONTRACTOR SHALL PAY FOR ANY WATER DAMAGE TO RESIDENTS' PROPERTY CAUSED BY SERVICE LINES DAMAGED DURING CONSTRUCTION.

27. METER CAN LIDS SHALL BE PROVIDED BY THE CITY OF LOVINGTON.

28. INSTALLED WATER METERS SHALL BE iPERL METERS WITH 520M SMARTPOINT RADIO TRANSCEIVERS AND SHALL BE SUPPLIED BY OWNER.

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

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11/07/2016

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DRAWN BY:	Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

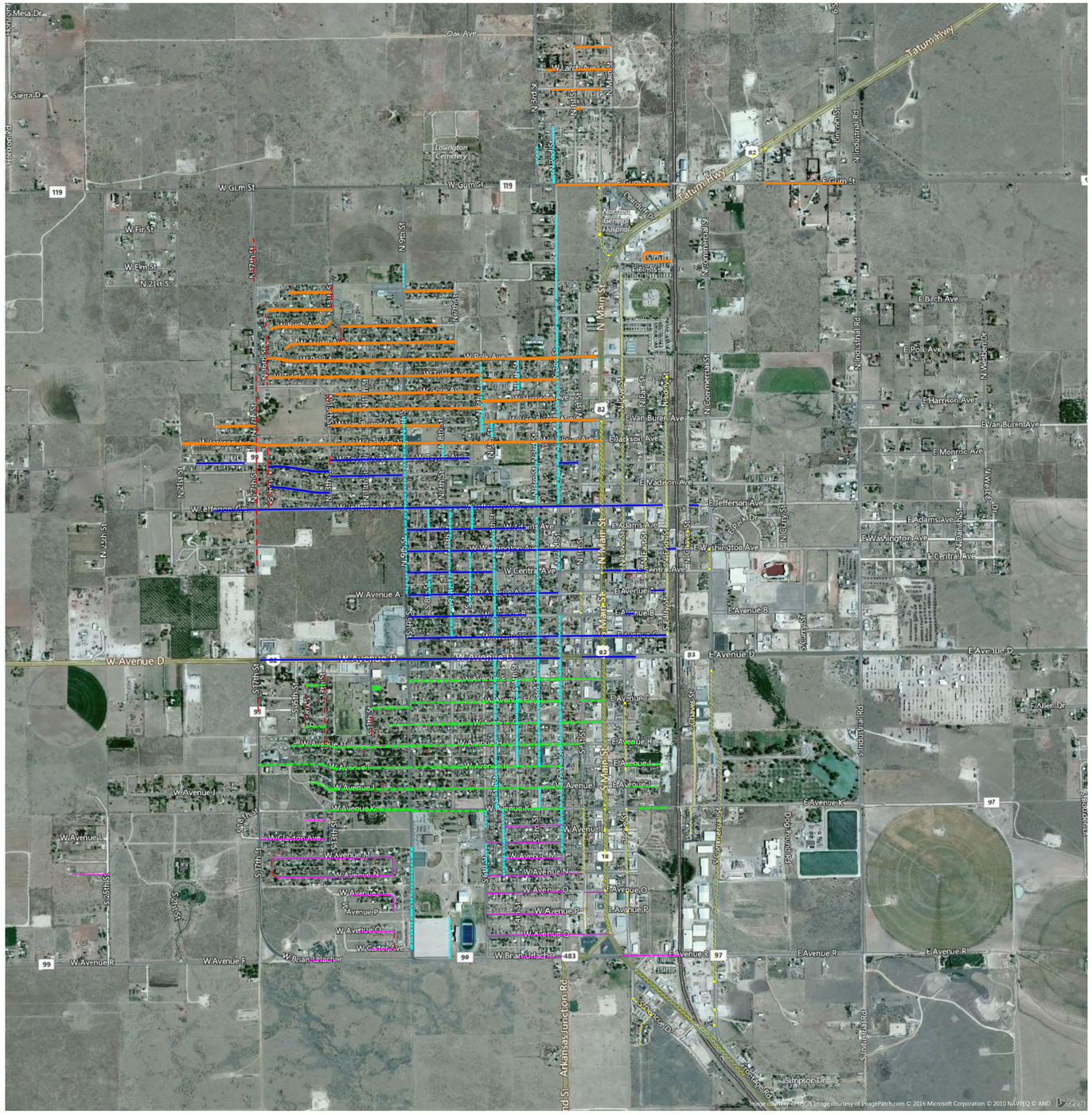
GENERAL NOTES

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

SHEET: C-002



MAP LEGEND

	ZONE 1	SEE SHEET CS-102
	ZONE 2	SEE SHEET CS-103
	ZONE 3	SEE SHEET CS-104
	ZONE 4	SEE SHEET CS-105
	ZONE 5	SEE SHEET CS-106
	ZONE 6	SEE SHEET CS-107
	ZONE 7	SEE SHEET CS-108

NOTE:
ZONES HIGHLIGHTED ON MAP INDICATE AREAS IN WHICH WATER METERS ARE TO BE REPLACED WITH NEW RADIO READ METERS PER DETAILS ON CU-501

NORTH

SCALE 1" = 1000'
0' 500' 1000' 2000'

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

SITE LOCATION MAP WATER METER REPLACEMENT

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11/07/2016

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PROJECT DESIGNER: David Roybal, PE
DRAWN BY: Morgan Komar

REVISIONS

No.	DATE	DESCRIPTION

SITE LOCATION MAP

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

SHEET: CS-101

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ZONE #1 - METER LOCATIONS

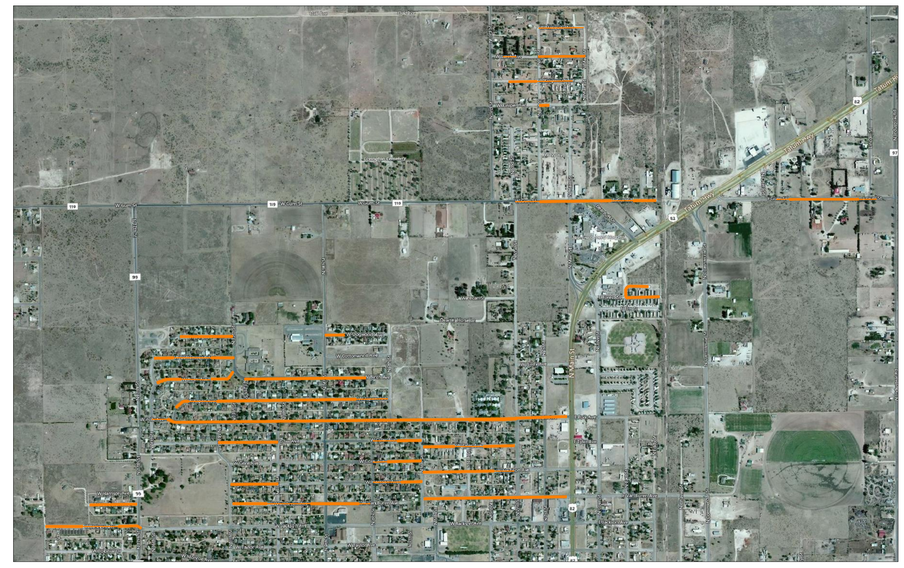
ADDRESS			METER #
210	W	JACKSON	21301776
218	W	JACKSON	25317702
221	W	JACKSON	31996621
222	W	JACKSON	63345716
414	W	JACKSON	23091032
504	W	JACKSON	18717827
606	W	JACKSON	63345744
608	W	JACKSON	19753534
608	W	JACKSON	27768553
702	W	JACKSON	61971566
706	W	JACKSON	2261389
714	W	JACKSON	30971553
836	W	JACKSON	21004935
902	W	JACKSON	32620245
906	W	JACKSON	21302168
910	W	JACKSON	20966027
913	W	JACKSON	22935586
917	W	JACKSON	21521700
918	W	JACKSON	21609458
1001	W	JACKSON	28560476
1002	W	JACKSON	22935604
1004	W	JACKSON	22935583
1005	W	JACKSON	20895958
1009	W	JACKSON	20966573
1014	W	JACKSON	23608860
1102	W	JACKSON	20536441
1111	W	JACKSON	25317701
1115	W	JACKSON	25993264
1117	W	JACKSON	20838487
1118	W	JACKSON	22832461
1202	W	JACKSON	19713821
1206	W	JACKSON	29324703
1209	W	JACKSON	19713877
1214	W	JACKSON	18952361
1217	W	JACKSON	19753560
1301	W	JACKSON	31648800
1307	W	JACKSON	20723505
1403	W	JACKSON	26113128
1409	W	JACKSON	26193155
1501	W	JACKSON	32135891
1704	W	JACKSON	33133838
1800	W	JACKSON	32137013
1803	W	JACKSON	32448483
1804	W	JACKSON	32448482
1805	W	JACKSON	26059230
1809	W	JACKSON	25107574
1811	W	JACKSON	32265805
1811	W	JACKSON	24105457
1901	W	JACKSON	31041548
2001	W	JACKSON	59765595
2003	W	JACKSON	30949227
2005	W	JACKSON	59846325
2007	W	JACKSON	30949291
2011	W	JACKSON	63345713
2013	W	JACKSON	30940224
2015	W	JACKSON	30949222
2027	W	JACKSON	31356578
2101	W	JACKSON	5
2103	W	JACKSON	26905491
2107	W	JACKSON	30971539
2111	W	JACKSON	28956848
2113	W	JACKSON	31474920
25	KINGWOOD		31941303
204	KINGWOOD		44014105
205	W	VAN BUREN	58875185
207	W	VAN BUREN	32620219
210	W	VAN BUREN	21227422
214	W	VAN BUREN	30677013
222	W	VAN BUREN	26113142
301	W	VAN BUREN	20726889
309	W	VAN BUREN	31896742
310	W	VAN BUREN	32620240
312	W	VAN BUREN	29324679
314	W	VAN BUREN	Z00000061
405	W	VAN BUREN	33418572
409	W	VAN BUREN	20695705
413	W	VAN BUREN	20966585
421	W	VAN BUREN	43786405
702	W	VAN BUREN	2510582
706	W	VAN BUREN	30632788
710	W	VAN BUREN	25317689
713	W	VAN BUREN	24370548
714	W	VAN BUREN	25233237
718	W	VAN BUREN	63345734
721	W	VAN BUREN	45662251
725	W	VAN BUREN	24650661
802	W	VAN BUREN	19753573
806	W	VAN BUREN	61046593
814	W	VAN BUREN	21004936
822	W	VAN BUREN	23993276
826	W	VAN BUREN	21646702
901	W	VAN BUREN	218
905	W	VAN BUREN	21005454
905	W	VAN BUREN	19824284
908	W	VAN BUREN	26905471
909	W	VAN BUREN	19753615
913	W	VAN BUREN	22614954
917	W	VAN BUREN	17196575
918	W	VAN BUREN	21572866
1006	W	VAN BUREN	33660954

ADDRESS			METER #
1009	W	VAN BUREN	4832
1010	W	VAN BUREN	32620254
1013	W	VAN BUREN	19753566
1017	W	VAN BUREN	21772534
1018	W	VAN BUREN	18952306
1101	W	VAN BUREN	21623995
1102	W	VAN BUREN	21772535
1105	W	VAN BUREN	24370581
1106	W	VAN BUREN	19713859
1109	W	VAN BUREN	28477510
1110	W	VAN BUREN	19713832
1113	W	VAN BUREN	18479834
1117	W	VAN BUREN	61831700
1209	W	VAN BUREN	63345730
1210	W	VAN BUREN	20966571
1700	W	VAN BUREN	31366390
1701	W	VAN BUREN	32137824
1704	W	VAN BUREN	28560455
1705	W	VAN BUREN	28560456
1801	W	VAN BUREN	29324687
1805	W	VAN BUREN	29324691
1809	W	VAN BUREN	28560449
1901	W	VAN BUREN	58764086
1904	W	VAN BUREN	29324685
1905	W	VAN BUREN	29324694
210	W	HARRISON	31031826
301	W	HARRISON	21624352
311	W	HARRISON	28560442
322	W	HARRISON	19753562
421	W	HARRISON	22399162
506	W	HARRISON	28560447
601	W	HARRISON	2398647
605	W	HARRISON	22348856
609	W	HARRISON	20651783
705	W	HARRISON	18854020
706	W	HARRISON	20651667
710	W	HARRISON	23150219
713	W	HARRISON	21350205
717	W	HARRISON	23678431
718	W	HARRISON	23678436
801	W	HARRISON	21301777
802	W	HARRISON	27298720
809	W	HARRISON	20838502
813	W	HARRISON	22173179
817	W	HARRISON	24370562
822	W	HARRISON	18952397
824	W	HARRISON	18952358
833	W	HARRISON	22614957
837	W	HARRISON	22935585
902	W	HARRISON	20568305
910	W	HARRISON	23729725
914	W	HARRISON	1885008
917	W	HARRISON	21005436
1002	W	HARRISON	20651668
1006	W	HARRISON	20920247
1009	W	HARRISON	21772518
1010	W	HARRISON	39797100
1013	W	HARRISON	27980822
1018	W	HARRISON	22614928
1106	W	HARRISON	21646694
1109	W	HARRISON	33767888
1113	W	HARRISON	31366400
1117	W	HARRISON	20966587
1118	W	HARRISON	21609461
1201	W	HARRISON	18952393
1202	W	HARRISON	32847607
1206	W	HARRISON	21624390
1209	W	HARRISON	216091478
1210	W	HARRISON	63345724
1213	W	HARRISON	31356579
1214	W	HARRISON	31996662
1218	W	HARRISON	20966584
605	W	GORE	252
605	W	GORE	60779310
609	W	GORE	52200655
610	W	GORE	29324697
701	W	GORE	20726891
702	W	GORE	59038319
705	W	GORE	18854030
709	W	GORE	25107577
713	W	GORE	28560446
717	W	GORE	19703460
721	W	GORE	20726877
722	W	GORE	31379909
801	W	GORE	20392201
802	W	GORE	22399184
805	W	GORE	21302182
809	W	GORE	19713856
810	W	GORE	21624376
813	W	GORE	23884098
817	W	GORE	19713904
818	W	GORE	34610712
818	W	GORE	2261387
821	W	GORE	63097209
821	W	GORE	16241207
822	W	GORE	18694000
827	W	GORE	22173154
901	W	GORE	31896732
902	W	GORE	20651657
903	W	GORE	31041529

ADDRESS			METER #
906	W	GORE	20723504
907	W	GORE	29324665
910	W	GORE	28560457
1001	W	GORE	22173177
1003	W	GORE	18854007
1006	W	GORE	32265831
1014	W	GORE	32137826
1017	W	GORE	25317687
1018	W	GORE	21005457
1101	W	GORE	22173145
1102	W	GORE	18952371
1106	W	GORE	19713857
1109	W	GORE	22935584
1114	W	GORE	20536442
1117	W	GORE	19713949
1201	W	GORE	24370540
1202	W	GORE	19753638
1205	W	GORE	19713924
1206	W	GORE	21624996
1213	W	GORE	18691519
201	W	TYLER	20965985
206	W	TYLER	21302178
218	W	TYLER	53958503
221	W	TYLER	63345746
222	W	TYLER	21772507
301	W	TYLER	23150193
306	W	TYLER	21521676
310	W	TYLER	22832436
318	W	TYLER	31763292
409	W	TYLER	22173142
418	W	TYLER	27298488
506	W	TYLER	23678455
509	W	TYLER	18479841
510	W	TYLER	23678460
513	W	TYLER	216466710
601	W	TYLER	25233229
605	W	TYLER	20678428
706	W	TYLER	61971552
710	W	TYLER	29720792
717	W	TYLER	23678447
718	W	TYLER	20838507
721	W	TYLER	23884134
801	W	TYLER	A31648797
805	W	TYLER	19753572
806	W	TYLER	20966028
809	W	TYLER	21005458
813	W	TYLER	22832444
817	W	TYLER	16241202
818	W	TYLER	22261418
822	W	TYLER	27768615
823	W	TYLER	33063663
826	W	TYLER	21624391
827	W	TYLER	21772531
828	W	TYLER	21004946
829	W	TYLER	8830979
901	W	TYLER	21926953
905	W	TYLER	20895869
906	W	TYLER	27298485
913	W	TYLER	19713824
917	W	TYLER	21646701
918	W	TYLER	21478369
1005	W	TYLER	18952305
1009	W	TYLER	22309183
1010	W	TYLER	21055950
1013	W	TYLER	18952399
1101	W	TYLER	19753456
1102	W	TYLER	18693997
1105	W	TYLER	30677000
1106	W	TYLER	45667000
1109	W	TYLER	32620253
1201	W	TYLER	19713860
1202	W	TYLER	19753612
1205	W	TYLER	26059241
1209	W	TYLER	20695269
1210	W	TYLER	20678426
1213	W	TYLER	58764065
1214	W	TYLER	20651670
1308	W	TYLER	20919761
1408	W	TYLER	27866144
1412	W	TYLER	19713855
1413	W	TYLER	21521670
1500	W	TYLER	29904396
1501	W	TYLER	24444713
1504	W	TYLER	24444733
1508	W	TYLER	19713843
1509	W	TYLER	21624379
1513	W	TYLER	21624374
1516	W	TYLER	32137811
1520	W	TYLER	20966025
1524	W	TYLER	22832465
1525	W	TYLER	58070958
213	W	POLK	19753448
214	W	POLK	1575593
221	W	POLK	21302164
309	W	POLK	61046565
313	W	POLK	20678423
321	W	POLK	21625007
505	W	POLK	20966588
707	W	POLK	24656065
713	W	POLK	58938813

ADDRESS			METER #
714	W	POLK	63345723
714	W	POLK	63345781
715	W	POLK	Z00000062
719	W	POLK	24619197
800	W	POLK	23678435
806	W	POLK	33133804
810	W	POLK	19753607
814	W	POLK	25204598
817	W	POLK	28
818	W	POLK	18697906
821	W	POLK	19713901
826	W	POLK	33418569
826	W	POLK	53834165
829	W	POLK	25317685
902	W	POLK	2469847
905	W	POLK	26059187
910	W	POLK	21301778
913	W	POLK	21302179
914	W	POLK	21055948
917	W	POLK	2444735
1002	W	POLK	21808307
1010	W	POLK	20536435
1100	W	POLK	18479833
1109	W	POLK	21609457
1118	W	POLK	18679566
1209	W	POLK	20333450
1210	W	POLK	21646705
1301	W	POLK	26127425
1305	W	POLK	A21055950
1308	W	POLK	22261391
1316	W	POLK	695
1400	W	POLK	26113113
1401	W	POLK	42475940
1405	W	POLK	20651673
1409	W	POLK	19713846
1413	W	POLK	22261421
1501	W	POLK	32620244
1504	W	POLK	26162841
1505	W	POLK	3226585
1508	W	POLK	3199622
1509	W	POLK	22261425
1524	W	POLK	26905500
1525	W	POLK	21609460
1529	W	POLK	20536436
1601	W	POLK	62279090
1605	W	POLK	23989637
717	W	ASPEN	24649841
722	W	ASPEN	23678424
723		ASPEN	31366388
727	W	ASPEN	20966580
801	W	ASPEN	23336211
805	W	ASPEN	23150194
806	W	ASPEN	23678422
809	W	ASPEN	21227433
810	W	ASPEN	41420858
813	W	ASPEN	61046547
814	W	ASPEN	31356585
817	W	ASPEN	61613238
821	W	ASPEN	22935590
822	W	ASPEN	22935595
905	W	ASPEN	21302170
906	W	ASPEN	20678441
910	W	ASPEN	32137015
913	W	ASPEN	22399195
914	W	ASPEN	20695717
1001	W	ASPEN	18952327
1002	W	ASPEN	20966021
1005	W	ASPEN	A31474920
1006	W	ASPEN	29223044
1009	W	ASPEN	313428003
1101	W	ASPEN	202
1102	W	ASPEN	28560470
1110	W	ASPEN	21227432
1113	W	ASPEN	43995261
1114	W	ASPEN	19753594
1118	W	ASPEN	21004948
1209	W	ASPEN	61046552
1213	W	ASPEN	20392177
1304	W	ASPEN	20695696
1305	W	ASPEN	31473273
1313	W	ASPEN	21808284
1400	W	ASPEN	19753500
1401	W	ASPEN	22935614
1408	W	ASPEN	22614962
1413	W	ASPEN	21005456
1500	W	ASPEN	21005481
1501	W	ASPEN	18854074
1504	W	ASPEN	18854047
1509	W	ASPEN	21624375
1512	W	ASPEN	27768618
1516	W	ASPEN	58764067
1528	W	ASPEN	19713853
805	W	BIRCH	26113097
809	W	BIRCH	27298696
814	W	BIRCH	31814266
821	W	BIRCH	23989654
823	W	BIRCH	26905492
825	W	BIRCH	27678739
829	W	BIRCH	34013065
830	W	BIRCH	26162807

ADDRESS			METER #
901	W	BIRCH	26113131
909	W	BIRCH	21055955
905	W	BIRCH	18952628
906	W	BIRCH	218008282
1002	W	BIRCH	30696985
1006	W	BIRCH	22832460
1009	W	BIRCH	24649850
1010	W	BIRCH	21521675
1013	W	BIRCH	21772519
1105	W	BIRCH	42833420
1113	W	BIRCH	21624393
1202	W	BIRCH	1613209
1400	W	BIRCH	19753497
1405	W	BIRCH	26059209
1409	W	BIRCH	28600100
1412	W	BIRCH	61971554
1413	W	BIRCH	21004938
1505	W	BIRCH	23884124
1509	W	BIRCH	34439629
1512	W	BIRCH	21646691
1517	W	BIRCH	21609473
1525	W	BIRCH	31896664
1532	W	BIRCH	31356563
1312	W	COTTONWOOD	20695697
1323	W	COTTONWOOD	58764088
1405	W	COTTONWOOD	21302162
1408	W	COTTONWOOD	20966024
1409	W	COTTONWOOD	20536448
1413	W	COTTONWOOD	18679560
1509	W	COTTONWOOD	18854029
1511	W	COTTONWOOD	23884121
1516	W	COTTONWOOD	24650670
1524	W	COTTONWOOD	25317704
701	W	DOGWOOD	27298697
703	W	DOGWOOD	26088675
705	W	DOGWOOD	27298714
707	W	DOGWOOD	27298716
708	W	DOGWOOD	26099664
709	W	DOGWOOD	33419472
710	W	DOGWOOD	27204411
712	W	DOGWOOD	25993260
804	W	DOGWOOD	26088651
805	W	DOGWOOD	27298698
806	W	DOGWOOD	25993263
809	W	DOGWOOD	27298740
1300	W	DOGWOOD	23678426
1306	W	DOGWOOD	23678425
1307	W	DOGWOOD	23678444
1312	W	DOGWOOD	23678423
1316	W	DOGWOOD	23884102
1317	W	DOGWOOD	23989648
1320	W	DOGWOOD	23884114
1321	W	DOGWOOD	23884105
1400	W	DOGWOOD	58875169
1404	W	DOGWOOD	25107584
1405	W	DOGWOOD	23989645
1412	W	DOGWOOD	19753466
202	E	FORREST	32597549
206	E	FORREST	32339
208	E	FORREST	33418588
212	E	FORREST	32597550
1200	E	GUM	A1630010
205	E	GUM	58875186
1000	E	GUM	1630010
205	W	GUM	32795522
6	W	JUNIPER	21772511
16	W	LARCH	20678439
26	W	LARCH	23150204
28	W	LARCH	25317675
32	W	LARCH	1005476
219	W	LARCH	48980531
21	W	MESQUITE	25107580
14	W	MESQUITE	22173138
14		MESQUITE	32137027
14		MESQUITE	32137025
20	W	MESQUITE	32137028



NOTE:
1. ZONES HIGHLIGHTED ON MAP INDICATE AREAS IN WHICH WATER METERS ARE TO BE REPLACED WITH NEW RADIO READ METERS PER DETAILS ON CU-501
2. INSTALLED WATER METERS SHALL BE iPERL METERS WITH 520M SMARTPOINT RADIO TRANSCIEVERS.

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

HERON

SCALE 1" = 1000'
0' 500' 1000' 2000'

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DAVID A. ROYBAL NEW MEXICO 23576 PROFESSIONAL ENGINEER
11/07/2016

PROJECT ENGINEER: David Roybal, PE
PROJECT DESIGNER: David Roybal, PE
DRAWN BY: Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

SITE MAP - ZONE 1

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

SHEET: CS-102

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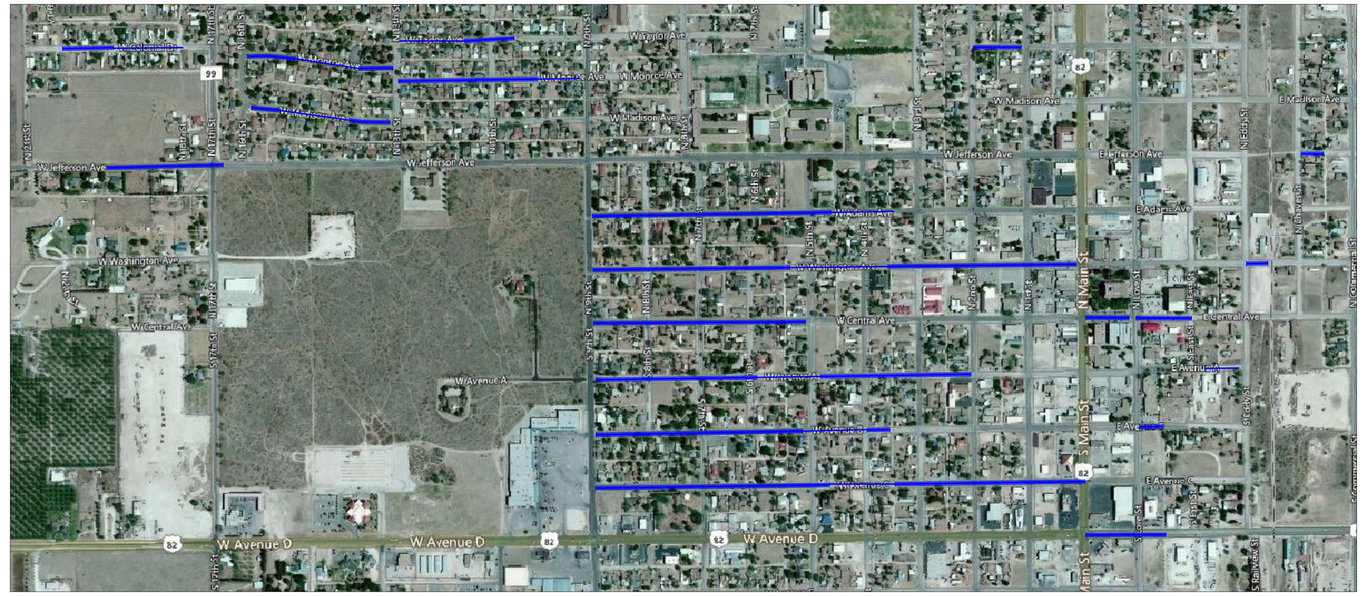
ZONE #2 - METER LOCATIONS

ADDRESS				METER #
302	E	AVE	A	53834168
303	E	AVE	A	Z00000012
322	E	AVE	A	20919758
216	W	AVE	A	19713864
216	W	AVE	A	19713864
313	W	AVE	A	19804301
522	W	AVE	A	44814145
525	W	AVE	A	21005451
602	W	AVE	A	47327584
603	W	AVE	A	20559611
622	W	AVE	A	32311878
701	W	AVE	A	24533093
722	W	AVE	A	20760217
819	W	AVE	A	46431475
822	W	AVE	A	20392198
215	E	AVE	B	32620250
318	W	AVE	B	34528
515	W	AVE	B	22091555
518	W	AVE	B	19753568
521	W	AVE	B	18717817
525	W	AVE	B	58764096
613	W	AVE	B	19713842
620	W	AVE	B	20969207
723	W	AVE	B	22399172
800	W	AVE	B	19713927
806	W	AVE	B	22173180
810	W	AVE	B	58764089
818	W	AVE	B	20695681
318	E	AVE	C	52441201
108	W	AVE	C	21302205
123	W	AVE	C	20536443
509	W	AVE	C	43786397
514	W	AVE	C	18952319
514	W	AVE	C	38824462
515	W	AVE	C	24370546
519	W	AVE	C	27298719
526	W	AVE	C	45662242
610	W	AVE	C	26088685
718	W	AVE	C	61613237
722	W	AVE	C	20920260
801	W	AVE	C	58764090
805	W	AVE	C	58070959
806	W	AVE	C	2073507
809	W	AVE	C	58875181
814	W	AVE	C	28560445
203	E	AVE	D	24417824
19	W	AVE	D	23989293
211	W	AVE	D	34866
217	W	AVE	D	24414026
321	W	AVE	D	26112773
520	W	AVE	D	18952410
523	W	AVE	D	21772504
600	W	AVE	D	20392199
606	W	AVE	D	19753586
703	W	AVE	D	44814153
709	W	AVE	D	630907194
709	W	AVE	D	63345780
810	W	AVE	D	17199563
903	W	AVE	D	25249716
904	W	AVE	D	29256826
907	W	AVE	D	19713954
911	W	AVE	D	Z00000105
918	W	AVE	D	29294175
928	W	AVE	D	59765593
930	W	AVE	D	43786388
936	W	AVE	D	33418576
1011	W	AVE	D	22348855
1101	W	AVE	D	21609490
1109	W	AVE	D	31896740
1113	W	AVE	D	31896735
1115	W	AVE	D	31896739
1121	W	AVE	D	31378020
1235	W	AVE	D	49496672
1301	W	AVE	D	31042534
1411	W	AVE	D	26162808
1429	W	AVE	D	62097395
1600	W	AVE	D	30752247
6950	W	AVE	D	29720796
121	E	JEFFERSON		19713898
516	E	JEFFERSON		26113148
311	W	JEFFERSON		20568323
500	W	JEFFERSON		Z00000064
700	W	JEFFERSON		568434
1211	W	JEFFERSON		59178732
1301	W	JEFFERSON		52911074
1304	W	JEFFERSON		44014141
1306	W	JEFFERSON		21301740
1400	W	JEFFERSON		63345707
1402	W	JEFFERSON		22935606
1404	W	JEFFERSON		36636009
1406	W	JEFFERSON		19753548
1500	W	JEFFERSON		19753501
1502	W	JEFFERSON		25317710
1504	W	JEFFERSON		25317718
1801	W	JEFFERSON		22173161
1907	W	JEFFERSON		25317703
322	W	ADAMS		20695704
501	W	ADAMS		18952314
513	W	ADAMS		33133843
601	W	ADAMS		26905468

ADDRESS			METER #
607	W	ADAMS	20568317
613	W	ADAMS	34170438
615	W	ADAMS	20155952
701	W	ADAMS	18717812
707	W	ADAMS	24701015
713	W	ADAMS	60682247
817	W	ADAMS	18854006
819	W	ADAMS	26113146
402	E	WASHINGTON	61831701
14	W	WASHINGTON	19713911
18	W	WASHINGTON	18556701
309	W	WASHINGTON	20969205
313	W	WASHINGTON	20030932
511	W	WASHINGTON	21521699
514	W	WASHINGTON	24370580
521	W	WASHINGTON	19753598
601	W	WASHINGTON	20966581
602	W	WASHINGTON	19753635
608	W	WASHINGTON	34439582
612	W	WASHINGTON	63345732
720	W	WASHINGTON	23989613
724	W	WASHINGTON	43786408
806	W	WASHINGTON	26088648
807	W	WASHINGTON	21646689
809	W	WASHINGTON	31763284
813	W	WASHINGTON	28646267
818	W	WASHINGTON	26905472
821	W	WASHINGTON	22935587
825	W	WASHINGTON	31041546
113	E	CENTRAL	21055965
215	E	CENTRAL	31226682
513	W	CENTRAL	26088690
521	W	CENTRAL	29324677
525	W	CENTRAL	26162794
600	W	CENTRAL	55144543
619	W	CENTRAL	24370566
721	W	CENTRAL	18952357
810	W	CENTRAL	20536446
1302	W	MADISON	24619206
1303	W	MADISON	21005475
1304	W	MADISON	22120180
1305	W	MADISON	206696267
1307	W	MADISON	45655922
1400	W	MADISON	23678458
1401	W	MADISON	61046525
1402	W	MADISON	19753426
1404	W	MADISON	22614930
1405	W	MADISON	27502451
1406	W	MADISON	21005471
1501	W	MADISON	31032816
1506	W	MADISON	21351639
1508	W	MADISON	25317713
113	W	MONROE	20838490
123	W	MONROE	26059245
910	W	MONROE	22903880
1002	W	MONROE	29324698
1004	W	MONROE	20920246
1006	W	MONROE	22614932
1112	W	MONROE	32265808
1202	W	MONROE	32620220
1214	W	MONROE	2083486
1301	W	MONROE	61046536
1306	W	MONROE	26905485
1307	W	MONROE	26162815
1308	W	MONROE	27298726
1309	W	MONROE	26088673
1400	W	MONROE	29324664
1406	W	MONROE	27298715
1500	W	MONROE	27298725
1503	W	MONROE	818
1505	W	MONROE	26088663
710	W	TAYLOR	39967869
711	W	TAYLOR	59846329
714	W	TAYLOR	19753632
725	W	TAYLOR	61046524
901	W	TAYLOR	23608834
902	W	TAYLOR	20651666
909	W	TAYLOR	26059189
910	W	TAYLOR	18952385
917	W	TAYLOR	212227419
918	W	TAYLOR	24370571
1002	W	TAYLOR	21227420
1009	W	TAYLOR	20838477
1010	W	TAYLOR	20966026
1013	W	TAYLOR	18952376
1014	W	TAYLOR	18679568
1017	W	TAYLOR	26905475
1018	W	TAYLOR	32620259
1102	W	TAYLOR	26905478
1105	W	TAYLOR	25993275
1106	W	TAYLOR	27865865
1114	W	TAYLOR	21624377
1117	W	TAYLOR	21624371
1201	W	TAYLOR	19753464
1209	W	TAYLOR	58070960
1210	W	TAYLOR	31896734
1213	W	TAYLOR	29324666
1214	W	TAYLOR	22173155
1217	W	TAYLOR	19753639
1218	W	TAYLOR	26905507

ADDRESS			METER #
1802	COLONIAL		22832432
1803	COLONIAL		43995254
1805	COLONIAL		22120176
1808	COLONIAL		24545981
1809	COLONIAL		26113150
1811	COLONIAL		24444727
1902	COLONIAL		26162825
1910	COLONIAL		27298486
1911	COLONIAL		21005455
1912	COLONIAL		27296737
1913	COLONIAL		63345745
2008	COLONIAL		29904405



NOTE:
1. ZONES HIGHLIGHTED ON MAP INDICATE AREAS IN WHICH WATER METERS ARE TO BE REPLACED WITH NEW RADIO READ METERS PER DETAILS ON CU-501
2. INSTALLED WATER METERS SHALL BE iPERL METERS WITH 520M SMARTPOINT RADIO TRANSCIEVERS.

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

NORTH

SCALE 1" = 500'

0' 250' 500' 1000'

PETTIGREW & ASSOCIATES PA
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DAVID A. ROYBAL NEW MEXICO 23576 PROFESSIONAL ENGINEER

11/07/2016

PROJECT ENGINEER: David Roybal, PE
PROJECT DESIGNER: David Roybal, PE
DRAWN BY: Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

SITE MAP - ZONE 2

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

SHEET: CS-103

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ZONE #3 - METER LOCATIONS

ADDRESS				METER #
107	W	AVE	E	20838493
110	W	AVE	E	18854015
114	W	AVE	E	208338484
118	W	AVE	E	43995264
221	W	AVE	E	20966554
313	W	AVE	E	19753600
315	W	AVE	E	27768595
415	W	AVE	E	20920263
418	W	AVE	E	20920256
422	W	AVE	E	20536444
423	W	AVE	E	18854069
514	W	AVE	E	21055969
515	W	AVE	E	23884113
518	W	AVE	E	21302190
522	W	AVE	E	20919762
602	W	AVE	E	28560441
603	W	AVE	E	44014029
610	W	AVE	E	20838492
614	W	AVE	E	22614938
615	W	AVE	E	34439614
619	W	AVE	E	18952342
705	W	AVE	E	21624988
706	W	AVE	E	21301774
711	W	AVE	E	19753432
714	W	AVE	E	21301771
715	W	AVE	E	24619258
719	W	AVE	E	20919764
802	W	AVE	E	21609489
806	W	AVE	E	21005467
807	W	AVE	E	61046515
810	W	AVE	E	17196614
818	W	AVE	E	20695720
819	W	AVE	E	19753511
11	W	AVE	F	20919757
103	W	AVE	F	32620229
107	W	AVE	F	21005445
114	W	AVE	F	19713844
119	W	AVE	F	19713841
214	W	AVE	F	23729723
222	W	AVE	F	21055964
304	W	AVE	F	34957
306	W	AVE	F	43995260
311	W	AVE	F	33258338
318	W	AVE	F	Z00000097
417	W	AVE	F	22261404
419	W	AVE	F	23678451
420	W	AVE	F	21772503
510	W	AVE	F	21521685
514	W	AVE	F	23884137
515	W	AVE	F	19713931
519	W	AVE	F	33883648
520	W	AVE	F	59846344
523	W	AVE	F	23608826
602	W	AVE	F	32847609
603	W	AVE	F	19753575
607	W	AVE	F	26905490
610	W	AVE	F	21624968
611	W	AVE	F	21227439
614	W	AVE	F	20838474
615	W	AVE	F	18691514
618	W	AVE	F	21004939
700	W	AVE	F	27954373
706	W	AVE	F	20966592
708	W	AVE	F	A20651778
714	W	AVE	F	48980532
715	W	AVE	F	32620215
718	W	AVE	F	45662250
719	W	AVE	F	20920251
802	W	AVE	F	31896448
812	W	AVE	F	19824283
815	W	AVE	F	61613236
817	W	AVE	F	59846343
818	W	AVE	F	63062393
900	W	AVE	F	60628601
903	W	AVE	F	60682258
904	W	AVE	F	21302202
909	W	AVE	F	24701017
1002	W	AVE	F	62606744
1004	W	AVE	F	21005435
1005	W	AVE	F	20726887
1008	W	AVE	F	27298699
21	W	AVE	G	23608828
106	W	AVE	G	24370564
111	W	AVE	G	21808300
118	W	AVE	G	18442014
311	W	AVE	G	18854021
317	W	AVE	G	19753508
407	W	AVE	G	21772520
413	W	AVE	G	231502212
414	W	AVE	G	2165010
424	W	AVE	G	25317690
506	W	AVE	G	26113130
513	W	AVE	G	18854038
514	W	AVE	G	21772528
517	W	AVE	G	32137797
521	W	AVE	G	20966013
522	W	AVE	G	48028883
602	W	AVE	G	30677008
603	W	AVE	G	19753577

ADDRESS				METER #
606	W	AVE	G	33767942
607	W	AVE	G	19713928
610	W	AVE	G	61046531
611	W	AVE	G	21808280
614	W	AVE	G	62279096
619	W	AVE	G	22614934
701	W	AVE	G	25317707
705	W	AVE	G	1841
706	W	AVE	G	25317706
707	W	AVE	G	A32620253
708	W	AVE	G	11626633
710	W	AVE	G	21301769
711	W	AVE	G	18693996
801	W	AVE	G	61046537
804	W	AVE	G	20920254
805	W	AVE	G	23678419
811	W	AVE	G	21624966
812	W	AVE	G	28477631
901	W	AVE	G	24619205
904	W	AVE	G	41467057
905	W	AVE	G	27678740
906	W	AVE	G	20559609
907	W	AVE	G	22614926
908	W	AVE	G	23150222
909	W	AVE	G	21609491
213	E	AVE	H	3076978
102	W	AVE	H	21302206
106	W	AVE	H	26896225
212	W	AVE	H	Z00000092
309	W	AVE	H	21521679
317	W	AVE	H	61046535
322	W	AVE	H	18952315
409	W	AVE	H	22261424
410	W	AVE	H	21321316
417	W	AVE	H	26088654
510	W	AVE	H	21005440
519	W	AVE	H	21808308
522	W	AVE	H	23989643
602	W	AVE	H	20723513
607	W	AVE	H	61046538
610	W	AVE	H	18952366
611	W	AVE	H	23179031
615	W	AVE	H	19713932
619	W	AVE	H	31342802
701	W	AVE	H	20678438
702	W	AVE	H	20651762
710	W	AVE	H	61046530
714	W	AVE	H	19753472
719	W	AVE	H	55144537
719	W	AVE	H	21055959
802	W	AVE	H	58875173
805	W	AVE	H	62917243
805	W	AVE	H	62917239
811	W	AVE	H	32137011
814	W	AVE	H	42826615
814	W	AVE	H	60330269
818	W	AVE	H	23987616
819	W	AVE	H	31814281
902	W	AVE	H	60682264
914	W	AVE	H	22624173
917	W	AVE	H	23884116
1011	W	AVE	H	63345729
1100	W	AVE	H	36151061
1100	W	AVE	H	41769632
1101	W	AVE	H	61046527
1202	W	AVE	H	58938801
1207	W	AVE	H	49496667
1301	W	AVE	H	23150190
1301	W	AVE	H	20559610
1303	W	AVE	H	19753561
1303	W	AVE	H	25108181
1400	W	AVE	H	22935600
1401	W	AVE	H	29234660
1401	W	AVE	H	59038317
1402	W	AVE	H	24644834
1403	W	AVE	H	26162811
1405	W	AVE	H	25068368
212	E	AVE	I	23150221
214	E	AVE	I	31763293
216	E	AVE	I	35793257
221	W	AVE	I	52441218
306	W	AVE	I	21301762
307	W	AVE	I	24650675
309	W	AVE	I	25317719
401	W	AVE	I	20559612
406	W	AVE	I	21321443
414	W	AVE	I	22832442
415	W	AVE	I	18854000
417	W	AVE	I	21624355
421	W	AVE	I	31041532
512	W	AVE	I	26113143
514	W	AVE	I	21301766
518	W	AVE	I	2152691
519	W	AVE	I	24444726
523	W	AVE	I	21302167
600	W	AVE	I	2151690
602	W	AVE	I	18952383
603	W	AVE	I	20568306
606	W	AVE	I	21808275

ADDRESS				METER #
610	W	AVE	I	22399168
611	W	AVE	I	61971539
614	W	AVE	I	61971540
614	W	AVE	I	61971541
618	W	AVE	I	24650666
700	W	AVE	I	31342798
701	W	AVE	I	22614937
704	W	AVE	I	21521689
707	W	AVE	I	43838847
710	W	AVE	I	60628602
710	W	AVE	I	59038321
711	W	AVE	I	63345726
716	W	AVE	I	18952335
719	W	AVE	I	20966012
806	W	AVE	I	24444714
807	W	AVE	I	19753620
811	W	AVE	I	39797160
818	W	AVE	I	4319952
818	W	AVE	I	19713836
819	W	AVE	I	24701019
906	W	AVE	I	63097196
907	W	AVE	I	229623757
1001	W	AVE	I	18952370
1009	W	AVE	I	32311869
1018	W	AVE	I	21926947
1018	W	AVE	I	20550502
1102	W	AVE	I	62917234
1103	W	AVE	I	52441219
1104	W	AVE	I	50273373
1110	W	AVE	I	34013066
1202	W	AVE	I	57596187
1206	W	AVE	I	A19713916
1211	W	AVE	I	50701528
1304	W	AVE	I	24370543
1305	W	AVE	I	23608854
1306	W	AVE	I	23989634
1307	W	AVE	I	26088669
1308	W	AVE	I	25306811
1400	W	AVE	I	61971564
1403	W	AVE	I	27198731
1404	W	AVE	I	25317684
1406	W	AVE	I	53834166
1406	W	AVE	I	23989629
1601	W	AVE	I	25317688
1601	W	AVE	I	Z00000110
213	E	AVE	J	34170421
218	E	AVE	J	Z00000082
220	E	AVE	J	22614939
306	E	AVE	J	20895863
314	E	AVE	J	22173159
200	W	AVE	J	49838602
204	W	AVE	J	19703457
223	W	AVE	J	43199544
223	W	AVE	J	34106633
303	W	AVE	J	23884110
317	W	AVE	J	23884118
318	W	AVE	J	26088650
321	W	AVE	J	20726897
322	W	AVE	J	24650677
404	W	AVE	J	20695274
405	W	AVE	J	18259115
410	W	AVE	J	29904413
413	W	AVE	J	61613241
417	W	AVE	J	26113086
502	W	AVE	J	26113151
511	W	AVE	J	20966007
514	W	AVE	J	34439609
518	W	AVE	J	19804306
519	W	AVE	J	20568307
523	W	AVE	J	26113124
602	W	AVE	J	20678418
603	W	AVE	J	20392151
606	W	AVE	J	21646693
607	W	AVE	J	2239180
610	W	AVE	J	19753452
615	W	AVE	J	55144542
618	W	AVE	J	21572804
619	W	AVE	J	44014030
702	W	AVE	J	21772532
703	W	AVE	J	19753556
706	W	AVE	J	23678445
707	W	AVE	J	24370561
713	W	AVE	J	21005478
715	W	AVE	J	18854010
716	W	AVE	J	33133840
802	W	AVE	J	20966595
807	W	AVE	J	43786390
814	W	AVE	J	61613232
818	W	AVE	J	59846324
903	W	AVE	J	58938815
910	W	AVE	J	53834167
1002	W	AVE	J	33660958
1015	W	AVE	J	60682249
1015	W	AVE	J	61971553
1018	W	AVE	J	20726890
1018	W	AVE	J	33756356
1100	W	AVE	J	Z00000112
1100	W	AVE	J	61706635
1103	W	AVE	J	29720794

ADDRESS				METER #
1104	W	AVE	J	31378081
1104	W	AVE	J	32677161
1111	W	AVE	J	23451996
1203	W	AVE	J	47327576
1206	W	AVE	J	33660957
1300	W	AVE	J	58938802
1303	W	AVE	J	44814154
1305	W	AVE	J	34843862
1306	W	AVE	J	50113694
1308	W	AVE	J	34439627
409	E	AVE	K	31032815
206	W	AVE	K	22399194
314	W	AVE	K	26387001
318	W	AVE	K	61046583
400	W	AVE	K	23608870
414	W	AVE	K	21646696
702	W	AVE	K	25317709
718	W	AVE	K	63062389
806	W	AVE	K	24649842
810	W	AVE	K	22352672
814	W	AVE	K	19713887
818	W	AVE	K	24370558
902	W	AVE	K	59038318
902	W	AVE	K	5976558
910	W	AVE	K	24321192
1007	W	AVE	K	5893880
1014	W	AVE	K	26905514
1102	W	AVE	K	63062388
1103	W	AVE	K	18479135
1110	W	AVE	K	26897379
1202	W	AVE	K	24701014
1210	W	AVE	K	25306813
1217	W	AVE	K	53834171
1007	JUNE	PLACE		33979685

NOTE:
1. ZONES HIGHLIGHTED ON MAP INDICATE AREAS IN WHICH WATER METERS ARE TO BE REPLACED WITH NEW RADIO READ METERS PER DETAILS ON CU-501
2. INSTALLED WATER METERS SHALL BE iPERL METERS WITH 520M SMARTPOINT RADIO TRANSCIEVERS.

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

NORTH

SCALE 1" = 500'
0' 250' 500' 1000'

PETTIGREW & ASSOCIATES PA
ENGINEERING | SURVEYING | TESTING
DEFINING QUALITY SINCE 1965
100 E. Navajo Drive Suite 100 Hobbs New Mexico 88240
T 575 393 9827 F 575 393 1543
Pettigrew.us

DAVID A. ROYBAL NEW MEXICO 23576 PROFESSIONAL ENGINEER

11/07/2016

PROJECT ENGINEER: David Roybal, PE
PROJECT DESIGNER: David Roybal, PE
DRAWN BY: Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

SITE MAP - ZONE 3

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

SHEET: CS-104

Z:\2016.1114\Engineering\C003.dwg 11/5/2016 4:12 PM

ZONE #4 - METER LOCATIONS

ADDRESS				METER #
202	W	AVE	L	22399191
402	W	AVE	L	18854077
1300	W	AVE	L	52911073
1301	W	AVE	L	31896736
208	W	AVE	M	18854060
210	W	AVE	M	21609446
301	W	AVE	M	18854049
304	W	AVE	M	21609449
306	W	AVE	M	20838460
308	W	AVE	M	A21302202
1105	W	AVE	M	59765596
1211	W	AVE	M	20651781
100	W	AVE	N	32620231
201	W	AVE	N	18952365
203	W	AVE	N	24370538
207	W	AVE	N	25068367
210	W	AVE	N	20651784
211	W	AVE	N	19753423
301	W	AVE	N	21302157
309	W	AVE	N	16241201
403	W	AVE	N	20568311
405	W	AVE	N	61046555
406	W	AVE	N	23150207
407	W	AVE	N	18854052
503	W	AVE	N	1973883
1103	W	AVE	N	20920252
1105	W	AVE	N	A31356563
1300	W	AVE	N	20920253
1301	W	AVE	N	62917235
1500	W	AVE	N	21227406
210	E	AVE	O	24701016
18	W	AVE	O	21646707
200	W	AVE	O	Z00000122
203	W	AVE	O	60628597
204	W	AVE	O	18952407
205	W	AVE	O	24444718
206	W	AVE	O	20966015
208	W	AVE	O	22614948
209	W	AVE	O	21301752
210	W	AVE	O	19713948
211	W	AVE	O	18657606
300	W	AVE	O	20966574
301	W	AVE	O	19753579
302	W	AVE	O	20759951
303	W	AVE	O	34824
304	W	AVE	O	23989620
305	W	AVE	O	19713944
306	W	AVE	O	21646681
307	W	AVE	O	34175
308	W	AVE	O	31996658
309	W	AVE	O	34439581
402	W	AVE	O	34439579
403	W	AVE	O	58875159
405	W	AVE	O	20695276
406	W	AVE	O	26113154
506	W	AVE	O	18952322
904	W	AVE	O	25317694
1002	W	AVE	O	59765562
1006	W	AVE	O	B30949242
200	W	AVE	P	22935616
201	W	AVE	P	21227438
203	W	AVE	P	21227412
204	W	AVE	P	20919776
206	W	AVE	P	20695711
208	W	AVE	P	33767808
300	W	AVE	P	21301754
302	W	AVE	P	17167112
303	W	AVE	P	23678418
305	W	AVE	P	27768623
307	W	AVE	P	22261398
309	W	AVE	P	24444734
401	W	AVE	P	5-30-72B
403	W	AVE	P	19753509
405	W	AVE	P	38816946
406	W	AVE	P	19753589
407	W	AVE	P	26113122
500	W	AVE	P	26112792
501	W	AVE	P	20695688
502	W	AVE	P	20392189
503	W	AVE	P	33767943
504	W	AVE	P	21624384
506	W	AVE	P	25068387
11	W	AVE	Q	18479836
24	W	AVE	Q	20966006
200	W	AVE	Q	19753491
202	W	AVE	Q	Z00000119
204	W	AVE	Q	A19753580
206	W	AVE	Q	23608850
210	W	AVE	Q	19753588
211	W	AVE	Q	24444729
300	W	AVE	Q	22399196
301	W	AVE	Q	60628608
304	W	AVE	Q	A20919768
305	W	AVE	Q	61971534
306	W	AVE	Q	21624990
307	W	AVE	Q	16241197
309	W	AVE	Q	34439611
401	W	AVE	Q	58875171

ADDRESS				METER #
402	W	AVE	Q	32137821
403	W	AVE	Q	52450773
405	W	AVE	Q	60628600
408	W	AVE	Q	63345705
501	W	AVE	Q	23150206
502	W	AVE	Q	22173171
504	W	AVE	Q	32135847
506	W	AVE	Q	21624982
1000	W	AVE	Q	22399181
1009	W	AVE	Q	3104528
318	E	AVE	R	58875224
200	W	CLAYTON		147
301	W	CLAYTON		A20966012
402	W	CLAYTON		21808273
1300	W	CLAYTON		Z00000115
1300	W	CLAYTON		60682254
1306	W	CLAYTON		32265829
1402	W	CLAYTON		29904401
1406	W	CLAYTON		50715025
1502	W	CLAYTON		53054027
1201	E	CO	RD 96	739
1201	E	CO	RD 96	1543775
1201	E	CO	RD 96	1597537
1201	E	CO	RD 96	A1543775
200	BRIAN URLACHER			31763300
204	BRIAN URLACHER			32137012
308	BRIAN URLACHER			19713881

W Avenue K
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ZONE #5 - METER LOCATIONS

ADDRESS			METER #
1607	S	10TH	Z00000137
1609	S	10TH	Z00000140
1609	S	10TH	SR 641
705	S	11TH	60682259
707	S	11TH	20678440
709	S	11TH	60628615
1201	N	12TH	22173178
1202	N	12TH	20726895
1205	N	12TH	20895856
1206	N	12TH	21808279
1210	N	12TH	33660953
601	N	13TH	27298722
603	N	13TH	26162795
924	N	13TH	17196634
1503	N	13TH	29294179
601	S	13TH	28560444
605	S	13TH	21624354
609	S	13TH	18952380
610	S	13TH	48344095
610	S	13TH	20678436
611	S	13TH	23608830
701	S	13TH	60628606
805	S	13TH	26059184
1301	S	13TH	61971602
1305	S	13TH	22399192
1307	S	13TH	42475925
402	N	16TH	33463995
406	N	16TH	62279134
406	N	16TH	61971603
407	N	16TH	25993289
501	N	16TH	25993277
503	N	16TH	49947806
504	N	16TH	26088652
507	N	16TH	27768588
509	N	16TH	61046516
603	N	16TH	26059229
604	N	16TH	27768624
605	N	16TH	26059226
1108	N	16TH	188554059
1112	N	16TH	19879658
1205	N	16TH	23884097
1208	N	16TH	61971549
1213	N	16TH	29904409
1217	N	16TH	23884119
1301	N	16TH	21521664
1308	N	16TH	18717809
1309	N	16TH	18952379
1403	S	16TH	A21302170
1500	S	16TH	23150226
110	N	17TH	36748275
315	N	17TH	62279097
605	N	17TH	22832434
701	N	17TH	23150223
705	N	17TH	18952402
711	N	17TH	23150220
1009	N	17TH	18952343
1115	N	17TH	19713876
1205	N	17TH	29294178
701	S	17TH	1588734
1302	YUCCA	DR	35410883
1306	YUCCA	DR	19753434
1308	YUCCA	DR	20838462
1310	YUCCA	DR	24650667
1313	YUCCA	DR	26088658
1318	YUCCA	DR	50113692
1326	YUCCA	DR	24619203
1330	YUCCA	DR	24650663
1402	YUCCA	DR	24649844
1405	YUCCA	DR	24269840
1410	YUCCA	DR	31377958
1426	YUCCA	DR	22348852
1430	YUCCA	DR	45077478
1430	YUCCA	DR	18952404

NOTE:
1. ZONES HIGHLIGHTED ON MAP INDICATE AREAS IN WHICH WATER METERS ARE TO BE REPLACED WITH NEW RADIO READ METERS PER DETAILS ON CU-501
2. INSTALLED WATER METERS SHALL BE iPERL METERS WITH 520M SMARTPOINT RADIO TRANSCIEVERS.

NORTH

SCALE 1" = 500'
0' 250' 500' 1000'

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

PETTIGREW & ASSOCIATES PA
ENGINEERING | SURVEYING | TESTING
DEFINING QUALITY SINCE 1965
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Pettigrew.us

DAVID A. ROYBAL NEW MEXICO 23576 PROFESSIONAL ENGINEER
11/07/2016

PROJECT ENGINEER: David Roybal, PE
PROJECT DESIGNER: David Roybal, PE
DRAWN BY: Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

SITE MAP - ZONE 5

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

SHEET: CS-106

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ZONE #6 - METER LOCATIONS

ADDRESS			METER#
105	N	2ND	22878559
403	N	2ND	21227423
409	N	2ND	1973888
415	N	2ND	18952341
419	N	2ND	63345742
419	N	2ND	63345782
509	N	2ND	21624366
601	N	2ND	19717811
617	N	2ND	20651675
617	N	2ND	21625009
620	N	2ND	23989630
621	N	2ND	21302160
714	N	2ND	Z00000022
805	N	2ND	19753559
817	N	2ND	28560471
1014	N	2ND	Z00000063
1017	N	2ND	20678433
1104	N	2ND	27768617
1501	N	2ND	20981422
1717	N	2ND	18717825
1812	N	2ND	58875220
2011	N	2ND	36151066
322	S	2ND	49496673
402	S	2ND	21301733
514	S	2ND	23150180
606	S	2ND	19753609
624	S	2ND	19753454
722	S	2ND	58875158
806	S	2ND	62279100
810	S	2ND	23729718
814	S	2ND	Z00000093
816	S	2ND	32620249
906	S	2ND	19753470
910	S	2ND	16241200
918	S	2ND	20920259
920	S	2ND	13553
1018	S	2ND	20966009
1101	S	2ND	22935579
1106	S	2ND	18293427
1109	S	2ND	40495174
1110	S	2ND	22832456
1117	S	2ND	20895861
1118	S	2ND	18854055
1213	S	2ND	18854063
1305	S	2ND	22459570
1401	S	2ND	33413
1405	S	2ND	32834
1415	S	2ND	20966586
1501	S	2ND	25317679
321	N	3RD	2935591
410	N	3RD	25317674
414	N	3RD	20838480
418	N	3RD	22173185
510	N	3RD	20651676
526	N	3RD	18952317
528	N	3RD	24444720
606	N	3RD	19713903
2016	N	3RD	23989656
202	S	3RD	20838488
424	S	3RD	26492267
518	S	3RD	20726886
609	S	3RD	19753458
614	S	3RD	34523
701	S	3RD	25484322
801	S	3RD	60779311
801	S	3RD	Z00000094
803	S	3RD	20966558
810	S	3RD	38
810	S	3RD	21302172
815	S	3RD	23884112
822	S	3RD	21624370
906	S	3RD	21521668
916	S	3RD	19753459
918	S	3RD	33767924
1110	S	3RD	22832457
1113	S	3RD	18657616
1115	S	3RD	32620235
107	N	4TH	23812629
110	N	4TH	41467059
203	N	4TH	60682265
1001	N	4TH	19753461
1013	N	4TH	18693995
322	S	4TH	32311877
615	S	4TH	22935618
618	S	4TH	29324667
702	S	4TH	22444731
707	S	4TH	32137809
814	S	4TH	30949269
816	S	4TH	60628618
918	S	4TH	29324693
1605	S	4TH	18952344
110	N	5TH	25993253
117	N	5TH	19753549
122	N	5TH	21301759
123	N	5TH	58875182
212	N	5TH	34713
302	N	5TH	23812628
713	N	5TH	21320240

ADDRESS			METER#
116	S	5TH	32137813
204	S	5TH	25306817
213	S	5TH	21772526
217	S	5TH	23678432
312	S	5TH	18952321
504	S	5TH	18952384
509	S	5TH	19753608
618	S	5TH	61046518
624	S	5TH	19753570
705	S	5TH	18691518
714	S	5TH	21572793
716	S	5TH	Z00000102
812	S	5TH	19804309
816	S	5TH	21700357
820	S	5TH	23150189
901	S	5TH	25993261
920	S	5TH	23608866
1010	S	5TH	19753514
1101	S	5TH	27298693
1112	S	5TH	63345733
1112	S	5TH	63345725
1114	S	5TH	20276422
113	N	6TH	21609479
117	N	6TH	41420849
307	N	6TH	20919779
310	N	6TH	29904426
314	N	6TH	19753546
319	N	6TH	19753545
320	N	6TH	20919760
717	N	6TH	31941307
916	N	6TH	23989619
1002	N	6TH	31032821
112	S	6TH	18854073
213	S	6TH	20695718
1205	S	6TH	16331783
1303	S	6TH	Z00000129
1317	S	6TH	21055967
1400	S	6TH	1227815
110	N	7TH	50715024
301	N	7TH	26088662
307	N	7TH	3545822
307	N	7TH	19713902
310	N	7TH	21004931
314	N	7TH	18854004
114	S	7TH	24444717
218	S	7TH	62917240
218	S	7TH	Z00000057
311	S	7TH	21646704
314	S	7TH	23729722
302	N	8TH	34170464
307	N	8TH	29904399
314	N	8TH	60628609
319	N	8TH	33767909
705	N	8TH	23729720
105	S	8TH	20695682
109	S	8TH	794
204	S	8TH	25317705
118	N	9TH	22832426
320	N	9TH	19753463
703	N	9TH	27298733
902	N	9TH	25317677
1501	N	9TH	58966284
1506	N	9TH	58966283
113	S	9TH	31996593
1312	S	9TH	63062391
1614	S	9TH	2261415
1616	S	9TH	25484366
200	HIGH SCHOOL STADIUM		16132093

NOTE:
1. ZONES HIGHLIGHTED ON MAP INDICATE AREAS IN WHICH WATER METERS ARE TO BE REPLACED WITH NEW RADIO READ METERS PER DETAILS ON CU-501
2. INSTALLED WATER METERS SHALL BE iPERL METERS WITH 520M SMARTPOINT RADIO TRANSCIEVERS.

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

NORTH

SCALE 1" = 1000'

0' 500' 1000' 2000'

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Pettigrew.us

DAVID A. ROYBAL NEW MEXICO 23576 PROFESSIONAL ENGINEER

11/07/2016

PROJECT ENGINEER: David Roybal, PE
PROJECT DESIGNER: David Roybal, PE
DRAWN BY: Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

SITE MAP - ZONE 6

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

SHEET: CS-107

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ZONE #7 - METER LOCATIONS

ADDRESS			METER #
121	N	1ST	58875221
401	N	1ST	23678453
813	N	1ST	53834169
815	N	1ST	35793238
821	N	1ST	55144545
1013	N	1ST	27298713
1201	N	1ST	28560480
2005	N	1ST	26162827
2029	N	1ST	37912712
204	S	1ST	22935615
321	S	1ST	25068369
620	S	1ST	18854014
709	S	1ST	19713862
710	S	1ST	24370557
806	S	1ST	21609483
1001	S	1ST	21302195
1009	S	1ST	18952309
1013	S	1ST	20895864
1021	S	1ST	18679562
1106	S	1ST	21521684
1110	S	1ST	19713810
1201	S	1ST	18952330
1205	S	1ST	58764087
1209	S	1ST	23150200
1305	S	1ST	23989635
1401	S	1ST	18854067
1402	S	1ST	18854037
1405	S	1ST	28560437
1406	S	1ST	19713825
1707	S	1ST	58764105
111	N	MAIN	125
113	N	MAIN	18853990
221	N	MAIN	18854024
407	N	MAIN	22123194
407	N	MAIN	3410439
715	N	MAIN	19703465
1200	N	MAIN	30477502
1215	N	MAIN	35410882
1600	N	MAIN	62917242
1606	N	MAIN	70158277
201	S	MAIN	21547780
219	S	MAIN	18854046
223	S	MAIN	Z00000008
312	S	MAIN	36307559
315	S	MAIN	50273370
315	S	MAIN	51476706
320	S	MAIN	62595562
321	S	MAIN	17167099
404	S	MAIN	50091267
410	S	MAIN	47870862
502	S	MAIN	21489217
520	S	MAIN	54936917
601	S	MAIN	46721540
602	S	MAIN	40495175
614	S	MAIN	28675824
618	S	MAIN	23150186
801	S	MAIN	20559557
819	S	MAIN	20966005
822	S	MAIN	21624964
822	S	MAIN	20559608
902	S	MAIN	30971532
911	S	MAIN	29324668
1016	S	MAIN	22173173
1022	S	MAIN	2030931
1131	S	MAIN	31379910
1208	S	MAIN	34439580
1211	S	MAIN	24701018
1300	S	MAIN	21055960
1301	S	MAIN	Z00000117
1310	S	MAIN	36162799
1313	S	MAIN	26150183
1321	S	MAIN	32448484
1401	S	MAIN	23262924
1411	S	MAIN	Z00000116
1412	S	MAIN	A58764099
1415	S	MAIN	21302176
1501	S	MAIN	43786392
1513	S	MAIN	27298490
1601	S	MAIN	21227426
1619	S	MAIN	18952374
1700	S	MAIN	24619256
1722	S	MAIN	18717829
2009	S	MAIN	58764091
2400	S	MAIN	23812631
120	N	LOVE	26905467
124	N	LOVE	Z00000011
220	N	LOVE	19703461
301	N	LOVE	18717806
302	N	LOVE	29904424
310	N	LOVE	23937924
1100	N	LOVE	19753636
1500	N	LOVE	53834172
710	S	LOVE	31896744
808	S	LOVE	19753453
810	S	LOVE	20695277
814	S	LOVE	21772506
907	S	LOVE	18952412
917	S	LOVE	23150211

ADDRESS			METER #
922	S	LOVE	29904404
1206	S	LOVE	18694001
1209	S	LOVE	1522019
1214	S	LOVE	19713858
1216	S	LOVE	26581661
1313	S	LOVE	51621839
1408	S	LOVE	63345759
1500	S	LOVE	23989628
1701	S	LOVE	24370582
2104	S	LOVE	26162833
2108	S	LOVE	60628611
2111	S	LOVE	23678428
2200	S	LOVE	58764083
2207	S	LOVE	34306
500	N	EAST	21005441
101	S	EAST	49236408
110	S	EAST	34880
605	N	EDDY	474
701	N	EDDY	21624971
805	N	EDDY	26162824
100	S	EDDY	Z00000014
306	S	EDDY	21609452
402	S	EDDY	19753611
206	N	CHAVEZ	32135864
218	N	CHAVEZ	27768590
818	S	CHAVEZ	59846319
1002	S	CHAVEZ	22832425
1230	S	CHAVEZ	34332
1234	S	CHAVEZ	23884101
1236	S	CHAVEZ	18952333
121	N	COMMERCIAL	63345711
610	S	COMMERCIAL	57596185
2019	S	COMMERCIAL	21800788
2037	S	COMMERCIAL	21503022
1500	S	COMMERICAL	61046517
302	DENCOE		31378099
310	DENCOE	DR	32311872
40	HOBBS	HWY	1400544
1020	HOBBS	HWY	11782445
1030	HOBBS	HWY	33996662
6880	HOBBS	HWY	29904407
703	TATUM	HWY	26113110
21700	TATUM	HWY	42512253

NOTE:
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SCALE 1" = 1000'
0' 500' 1000 2000'

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DAVID A. ROYBAL NEW MEXICO 23576 PROFESSIONAL ENGINEER
11/07/2016

PROJECT ENGINEER: David Roybal, PE
PROJECT DESIGNER: David Roybal, PE
DRAWN BY: Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

SITE MAP - ZONE 7

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

SHEET: CS-108

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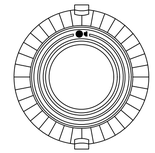
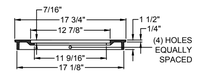
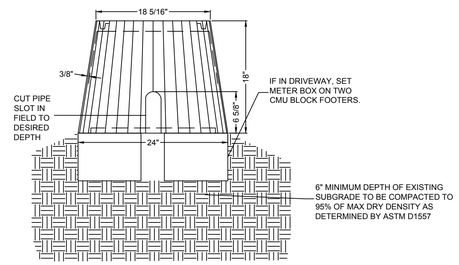
34 18"X18"X24" Assembly
Product Number 32234002A12



TOP VIEW



RING SECTION



ELEVATION

GENERAL NOTES:

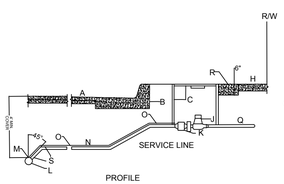
1. METER BOX LOCATION TO BE APPROVED BY THE CITY OF LOVINGTON PRIOR TO INSTALLATION.
2. DAMAGED METER BOXES SHALL BE REPLACED WITH CITY APPROVAL ONLY.

CONSTRUCTION NOTES:

A. PIPE HOLES, 2 AT EACH END, 2" WIDE BY 2" HIGH.

2 METER BOX DETAIL

SCALE: N.T.S.



PROFILE

GENERAL NOTES:

1. THE METER SHALL BE SET UTILIZING A COPPER-SETTER. COPPER-SETTER HEIGHT 10" FOR 1" METER, 7" FOR $\frac{3}{4}$" METER.
2. THE VALUE AND METER REGISTER BOX SHALL BE LOCATED UNDER THE LID OPENING. WHERE TWO METERS ARE TO BE INSTALLED IN A SINGLE METER BOX. THE METER REGISTERS SHALL BE WITHIN READING RANGE OF THE LID OPENING.
3. METER BOX LOCATION TO MATCH EXISTING LOCATION.
4. WHEN CONTRACTOR DOES NOT INSTALL METER, HE SHALL PROVIDE REMOVAL PLUGS FOR END OF COPPER SETTER.
5. PROVIDE INSULATION FOR ANY METER WITH A COVER DEPTH LESS THAN 2'.

CONSTRUCTION NOTES:

A. STREET SURFACE
B. BACK OF CURB
C. METER BOX, COVER & LID SEE THIS SHEET
D. $\frac{3}{4}$" EXPANSION JOINT
E. NOT USED
F. NOT USED
G. NOT USED
H. SIDEWALK OR DRIVEPAD
I. NOT USED
J. RADIO METER (BRONZE BODY OR CAST-IRON BOTTOM)
K. CURB STOP
L. MAIN WATER LINE
M. TAPPING SADDLE
N. SERVICE LINE $\frac{3}{4}$" COPPER (1" COPPER FOR LINES VER 100")
O. TRACER WIRE
P. YOKE W/ INSERT 1 $\frac{1}{2}$ X 12" GALV. PIPE IN YOKE
Q. TAILPIECE TO CONNECT TO EXISTING SERVICE LINE
R. CONC. PAD REQUIRED IN ALL AREAS
S. CORP STOP

3 RADIO METER INSTALLATION W/ SETTER

SCALE: N.T.S.

PROFILE

GENERAL NOTES:

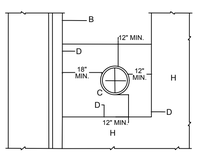
1. THE VALVE AND RADIO METER REGISTER BOX SHALL BE LOCATED UNDER THE LID OPENING. WHERE TWO METERS ARE TO BE INSTALLED IN A SINGLE METER BOX. THE METER REGISTERS SHALL BE WITHIN READING RANGE OF THE LID OPENING.
2. METER BOX LOCATION TO MATCH EXISTING LOCATION.
3. PROVIDE INSULATION FOR ANY METER WITH A COVER DEPTH LESS THAN 2 FT.

CONSTRUCTION NOTES:

A. STREET SURFACE
B. BACK OF CURB
C. METER BOX, COVER & LID SEE THIS SHEET
D. $\frac{3}{4}$" EXPANSION JOINT
E. NOT USED
F. NOT USED
G. NOT USED
H. SIDEWALK OR DRIVEPAD
I. NOT USED
J. RADIO METER (BRONZE BODY OR CAST-IRON BOTTOM)
K. CURB STOP
L. MAIN WATER LINE
M. TAPPING SADDLE
N. SERVICE LINE $\frac{3}{4}$" COPPER (1" COPPER FOR LINES VER 100")
O. TRACER WIRE
P. YOKE W/ INSERT 1 $\frac{1}{2}$ X 12" GALV. PIPE IN YOKE
Q. TAILPIECE TO CONNECT TO EXISTING SERVICE LINE
R. CONC. PAD REQUIRED IN ALL AREAS
S. CORP STOP

4 RADIO METER INSTALLATION W/ OUT SETTER

SCALE: N.T.S.



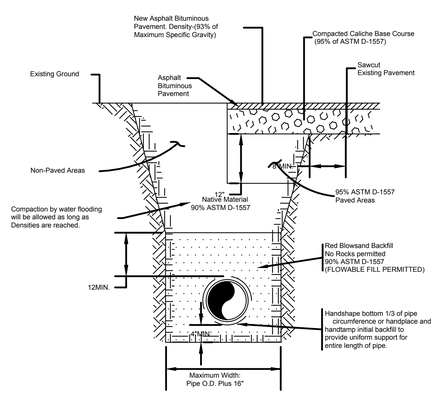
PLAN

CONSTRUCTION NOTES:

A. STREET SURFACE
B. BACK OF CURB
C. METER BOX, COVER & LID SEE THIS SHEET
D. $\frac{3}{4}$" EXPANSION JOINT
E. NOT USED
F. NOT USED
G. NOT USED
H. SIDEWALK OR DRIVEPAD
I. NOT USED
J. RADIO METER (BRONZE BODY OR CAST-IRON BOTTOM)
K. CURB STOP
L. MAIN WATER LINE
M. TAPPING SADDLE
N. SERVICE LINE $\frac{3}{4}$" COPPER (1" COPPER FOR LINES VER 100")
O. NOT USED
P. YOKE W/ INSERT 1 $\frac{1}{2}$ X 12" GALV. PIPE IN YOKE
Q. TAILPIECE TO CONNECT TO EXISTING SERVICE LINE
R. CONC. PAD REQUIRED IN ALL AREAS
S. CORP STOP

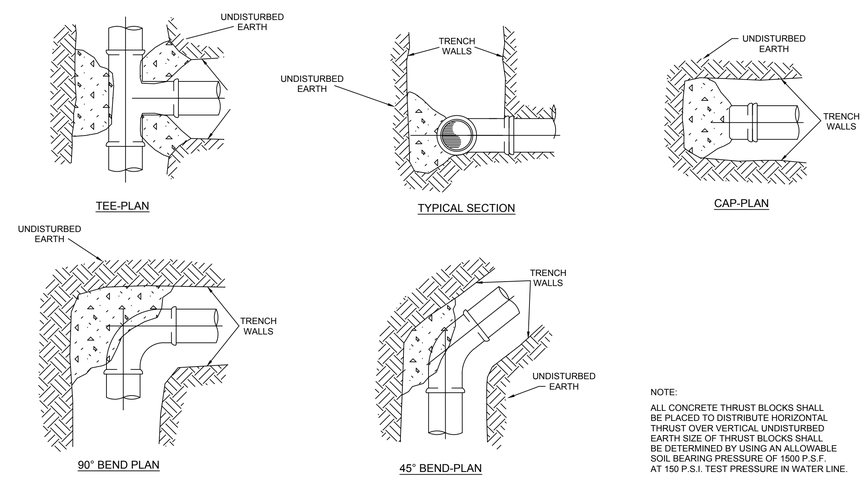
5 1" METERED SERVICE LINE INSTALLATION

SCALE: N.T.S.



6 TRENCH AND BACKFILL

SCALE: N.T.S.



NOTE:

ALL CONCRETE THRUST BLOCKS SHALL BE PLACED TO DISTRIBUTE HORIZONTAL THRUST OVER VERTICAL UNDISTURBED EARTH SIZE OF THRUST BLOCKS SHALL BE DETERMINED BY USING AN ALLOWABLE SOIL BEARING PRESSURE OF 1500 P.S.F. AT 150 P.S.I. TEST PRESSURE IN WATER LINE.

7 THRUST BLOCKS

SCALE: N.T.S.

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

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DAVID A. ROYBAL NEW MEXICO 23576 PROFESSIONAL ENGINEER
11/07/2016

PROJECT ENGINEER:	David Roybal, PE
PROJECT DESIGNER:	David Roybal, PE
DRAWN BY:	Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

UTILITY DETAILS

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

SHEET: CU-501

CONSTRUCTION TRAFFIC CONTROL GENERAL NOTES

1. CONTRACTOR SHALL, AT THE TIME OF PERMIT REQUEST, SUBMIT FOR APPROVAL BY CONSTRUCTION COORDINATION, A TRAFFIC CONTROL PLAN DETAILING ALL EXISTING TOPOGRAPHY SUCH AS LANE WIDTHS, DRIVEWAYS, AND BUSINESS/RESIDENTIAL ACCESSES. THE TRAFFIC CONTROL PLAN SHALL INCLUDE ALL PHASES OF WORK AND SCHEDULES INVOLVED IN THE CONSTRUCTION PROJECT. ANY SEPARATE PHASES OF A CONSTRUCTION PROJECT SHALL BE GIVEN AN INDIVIDUAL PERMIT EACH. BLANKET PERMITS WILL NOT BE ISSUED.

2. THESE TYPICAL TRAFFIC CONTROL PLANS DO NOT REFLECT THE EXISTING TOPOGRAPHY SUCH AS DRIVEWAYS, LANE WIDTHS, AND BUSINESS/RESIDENTIAL ACCESSES. EVERY LOCATION THAT REQUIRES CONSTRUCTION TRAFFIC CONTROL SHALL HAVE A DETAILED TRAFFIC CONTROL PLAN SHOWING ALL EXISTING TOPOGRAPHY.

3. CONSTRUCTION SHALL NOT BEGIN UNLESS A TRAFFIC CONTROL PLAN HAS BEEN APPROVED AND VERIFIED BY CONSTRUCTION COORDINATION.

4. CONSTRUCTION COORDINATION SHALL BE NOTIFIED 48 HOURS PRIOR TO ANY TRAFFIC CONTROL CHANGES NEEDED BY CONTRACTOR, THAT WERE NOT PREVIOUSLY APPROVED. THESE TRAFFIC CONTROL CHANGES SHALL BE REQUESTED IN WRITING ACCOMPANIED WITH A TRAFFIC CONTROL PLAN REFLECTING SUCH CHANGES.

5. ALL CONSTRUCTION TRAFFIC CONTROL DEVICES SHALL COMPLY TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL, SERVICE AND MAINTAIN ALL TRAFFIC CONTROL DEVISES. TRAFFIC CONTROL DEVICES SHALL NOT BE REMOVED OR ALTERED IN ANY WAY WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION, PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

6. THE CONSTRUCTION TRAFFIC CONTROL INITIAL SETUP SHALL BE BY AN AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) CERTIFIED WORKSITE TRAFFIC SUPERVISOR. THE MAINTENANCE AND SERVICING SHALL ALSO BE DONE BY AN ATSSA CERTIFIED WORKSITE TRAFFIC SUPERVISOR OR EQUIVALENT.

7. CONTRACTOR IS RESPONSIBLE TO MAINTAIN AND SERVICE ALL TRAFFIC CONTROL DEVICES 24 HOURS A DAY, 7 DAYS A WEEK, THROUGHOUT LENGTH OF PROJECT. CONTRACTOR IS RESPONSIBLE THAT ALL TRAFFIC CONTROL DEVICES COMPLY WITH THE MUTCD, LATEST EDITION.

8. ALL ADVANCE WARNING SIGNS SHALL BE DOUBLE INDICATED WHENEVER THERE ARE MULTI-LANE TRAFFIC IN ANY ONE GIVEN DIRECTION AND THERE IS SUFFICIENT MEDIAN SPACE.

9. ALL BARRICADES IN ALL TAPERS AND TANGENTS SHALL BE PLACED APART, A DISTANCE MEASURED IN FEET, EQUAL TO THAT OF THE POSTED SPEED LIMIT. NO EXCEPTIONS UNLESS APPROVED BY CONSTRUCTION COORDINATION PER MUTCD SECTION 61-4

10. CONTRACTOR SHALL NOT BEGIN WORK BEFORE 7:00 A.M. OR END WORK AFTER 7:00 P.M. WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

11. CONTRACTOR IS RESPONSIBLE TO PROVIDE CONSTRUCTION COORDINATION, A WEEKLY LOG OF DAILY INSPECTIONS OF BARRICADE AND MAINTENANCE SCHEDULES ON PROJECTS THAT ARE OVER ONE WEEK DURATION.

12. EQUIPMENT OR MATERIALS SHALL NOT BE STORED WITHIN 15 FEET OF A TRAVELED TRAFFIC LANE DURING NON-WORKING HOURS WITHOUT THE APPROVAL OF CONSTRUCTION COORDINATION.

13. CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELIZING PEDESTRIAN TRAFFIC AROUND & THROUGH THE CONSTRUCTION AREA THAT MEETS ALL ADA REQUIREMENTS.

14. CONTRACTOR IS RESPONSIBLE FOR OBLITERATION OF ANY CONFLICTING STRIPING AND RESPONSIBLE FOR ALL TEMPORARY STRIPING.

15. CONTRACTOR SHALL MAINTAIN ACCESS TO ALL FACILITIES, BUSINESSES AND/OR RESIDENTS AT ALL TIMES.

16. CONTRACTOR SHALL PROVIDE ACCESS SIGNS FOR BUSINESSES LOCATED WITHIN THE CONSTRUCTION AREA UNDER THE SUPERVISION OF CONSTRUCTION COORDINATION. EACH ACCESS SIGN SHALL HAVE 5 INCH, WHITE OPAQUE LETTERING ON BLUE REFLECTORIZED BACKGROUND. ACCESS SIGNS SHALL BE CONSIDERED INCIDENTAL TO THE BID AND NOT PART OF THE CONTRACT UNLESS OTHERWISE STATED. NO MORE THAN 3 BUSINESSES SHALL BE LISTED ON AN ACCESS SIGN. SHOPPING CENTERS AND MALLS SHALL BE LISTED AS SUCH.

17. ALL ADVANCE WARNING SIGNS SHALL MEET THE MINIMUM REFLECTIVE INTENSITY REQUIREMENTS SET FORTH BY THE MUTCD CURRENT EDITION. CONSTRUCTION COORDINATION SHALL DETERMINE ALL REQUIREMENTS AND APPROVE OR DISAPPROVE ANY ADVANCE WARNING SIGN PER SECTION 6A-4 OF THE MUTCD, LATEST EDITION.

18. 24 HOURS PRIOR TO OCCUPYING OR CLOSING OF A RIGHT-OF-WAY, CONTRACTOR SHALL NOTIFY: POLICE, FIRE DEPARTMENT, SCHOOLS, HOSPITALS, TRANSIT AUTHORITY, BUSINESSES AND/OR RESIDENTS THAT WILL BE AFFECTED BY THE CONSTRUCTION.

19. ANY FIELD ADJUSTMENTS SHALL BE APPROVED BY CONSTRUCTION COORDINATION.

20. EXCAVATIONS SHALL BE PLATED, TEMPORARILY PATCHED OR RESURFACED PRIOR TO OPENING OF TRAFFIC. A MINIMUM OF 11 FEET SHALL BE PROVIDED FOR TRAFFIC IN ANY GIVEN DIRECTION. CONTRACTOR IS RESPONSIBLE FOR ANY WORK INVOLVED IN SATISFYING THESE REQUIREMENTS.

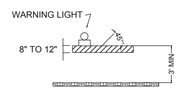
21. CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE FOLLOWING:
    - 21.1. STANDARDS AND REQUIREMENTS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION
    - 21.2. THE CITY/ COUNTY'S TRAFFIC CODE, LATEST EDITION.
    - 21.3. ALL SECTION OF THE CITY/COUNTY'S STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

22. FAILURE TO COMPLY WITH ANY OF THE ABOVE MENTIONED, WILL BE ADEQUATE CAUSE TO CEASE ALL WORK ON ANY CONSTRUCTION PROJECT. WORK WILL NOT RESUME UNTIL ALL REQUIREMENT ARE ADDRESSED AND APPROVED BY CONSTRUCTION COORDINATION.

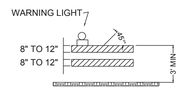
23. ALL TRAFFIC CONTROL DEVICES SHALL BE KEPT IN NEW-CLEAN CONDITION. WASHING OF EQUIPMENT IS INCIDENTAL TO IT'S PLACEMENT AND MAINTENANCE.

24. TRAFFIC CONTROL STANDARDS APPLY ONLY WHERE THE CONSTRUCTION TRAFFIC CONTROL PLANS ARE NOT SPECIFIC.

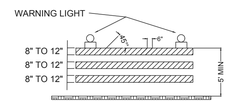
25. ADVANCE WARNING SIGNS SHALL BE 36"X36" WITH SUPER ENGINEERING GRADE SHEETING OR BETTER.



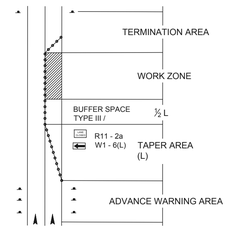
TYPE I BARRICADE
COLLAPSIBLE



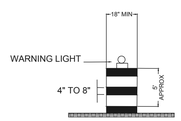
TYPE II BARRICADE
COLLAPSIBLE



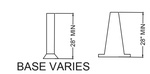
TYPE III BARRICADE



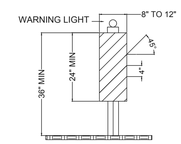
TRAFFIC CONTROL ELEMENTS



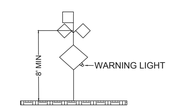
BARREL



CONES

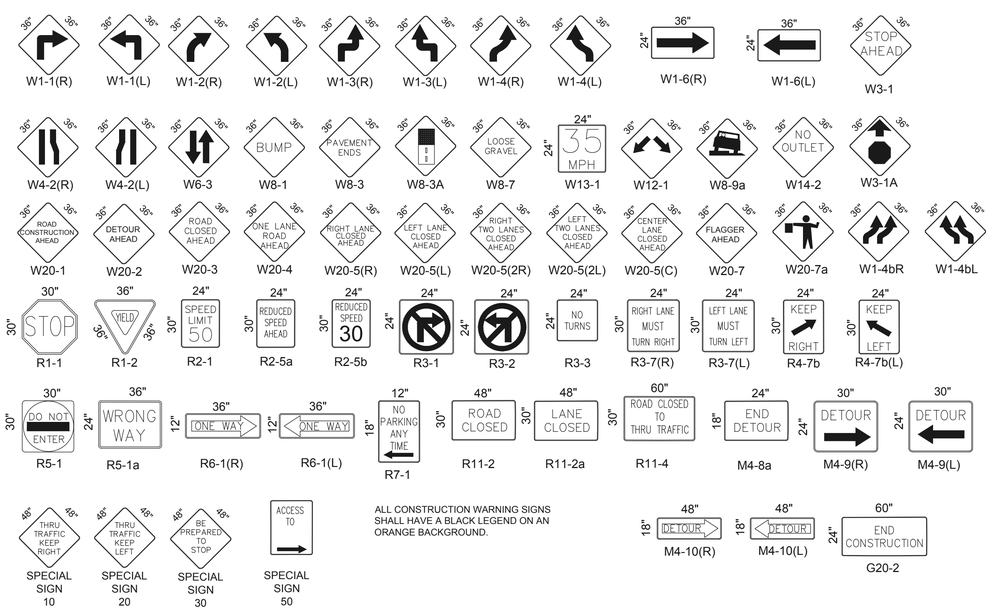


VERTICAL PANEL



HIGH LEVEL WARNING DEVICE

SIGN FACE DETAILS



ALL CONSTRUCTION WARNING SIGNS SHALL HAVE A BLACK LEGEND ON AN ORANGE BACKGROUND.

LEGEND

- WORK AREA
- ● BARRICADE - TYPE I, TYPE II, OR BARREL
- BARRICADE - TYPE III
- X VERTICAL PANEL
- WARNING SIGN
- FLAGMAN POSITION
- D DISTANCE BETWEEN SIGNS (A DISTANCE MEASURED IN FEET EQUAL TO A VALUE OF TEN TIMES THE SPEED LIMIT OF THE STREET
- S SPACING BETWEEN BARRICADES (A DISTANCE MEASURED IN FEET EQUAL TO THE SPEED LIMIT OF THE STREET)
- L TAPER LENGTH (SEE CHART BELOW) *THE TANGENT LENGTH IS EQUAL TO THE TAPER LENGTH FOR A GIVEN STREET

TAPER REQUIREMENTS

SPEED LIMIT (MPH)	TAPER LENGTH IN FEET (L)			MINIMUM NUMBER OF DEVICES FOR TAPER	MAXIMUM DEVICE SPACING IN FEET	
	10' LANE	11' LANE	12' LANE		ALONG TAPER	AFTER TAPER
20	70	75	80	5	20	20
25	105	115	125	6	25	25
30	150	165	180	7	30	30
35	205	225	245	8	35	35
40	270	295	295	9	40	40
45	450	495	540	13	45	45
50	500	550	600	13	50	50
55	550	605	660	13	55	55

RECOMMENDED SIGN SPACING (D) FOR ADVANCE WARNING SIGN SERIES

SPEED MILES PER HOUR	MINIMUM DISTANCE IN FEET BETWEEN SIGNS	FROM LAST SIGN TO TAPER
0-20	10 X SPEED LIMIT	10 X SPEED LIMIT
25-30	10 X SPEED LIMIT	10 X SPEED LIMIT
30-35	10 X SPEED LIMIT	10 X SPEED LIMIT
40-45	10 X SPEED LIMIT	10 X SPEED LIMIT

TAPER CRITERIA

TYPE OF TAPER	TAPER LENGTH
UPSTREAM TAPER:	
MERGING TAPER	L MINIMUM
SHIFTING TAPER	½ L MINIMUM
SHOULDER TAPER	½ L MINIMUM
TWO-WAY TRAFFIC TAPER	100 FEET MAXIMUM
DOWNSTREAM TAPER:	100 FEET PER LANE

TAPER LENGTH COMPUTATION

SPEED LIMIT

40 MPH OR LESS $L = \frac{WS^2}{60}$

45 MPH OR GREATER $L = W \times S$

L = TAPER LENGTH
W = WIDTH OF OFFSET IN FEET
S = POSTED SPEED OR OFF-PEAK 85 PERCENTILE SPEED, IN MPH

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

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DAVID A. ROYBAL NEW MEXICO 23576 PROFESSIONAL ENGINEER
11/07/2016

PROJECT ENGINEER:	David Roybal, PE
PROJECT DESIGNER:	David Roybal, PE
DRAWN BY:	Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

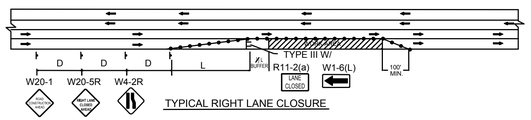
TRAFFIC CONTROL, SHEET 1

WATER METER IMPROVEMENTS

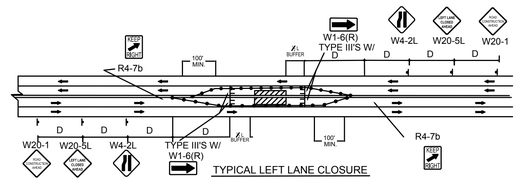
CITY OF LOVINGTON

PROJECT NUMBER: 2016.1114

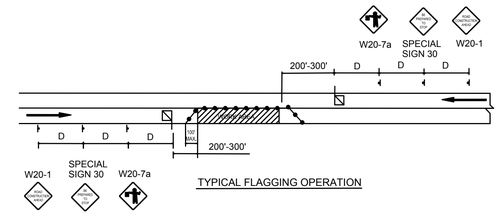
SHEET: CP-501



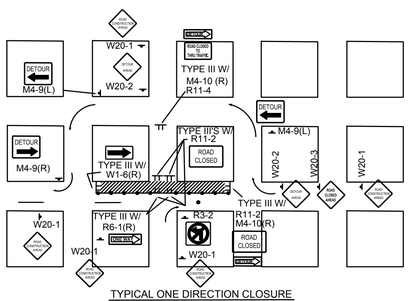
TYPICAL RIGHT LANE CLOSURE



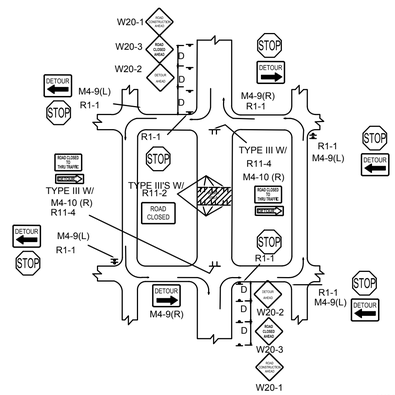
TYPICAL LEFT LANE CLOSURE



TYPICAL FLAGGING OPERATION

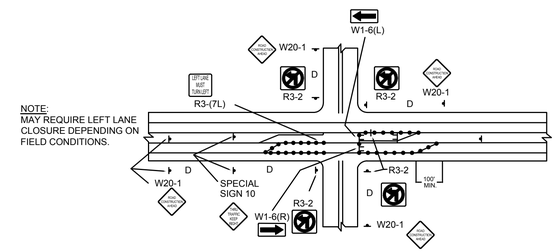


TYPICAL ONE DIRECTION CLOSURE



TYPICAL MID-BLOCK CLOSURE

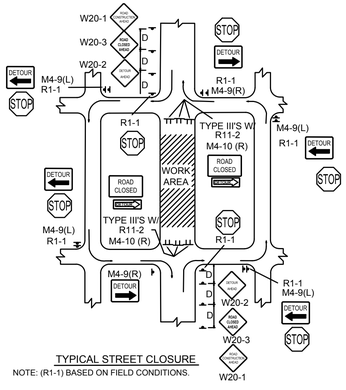
NOTE: (R1-1) BASED ON FIELD CONDITIONS.



NOTE:
MAY REQUIRE LEFT LANE CLOSURE DEPENDING ON FIELD CONDITIONS.

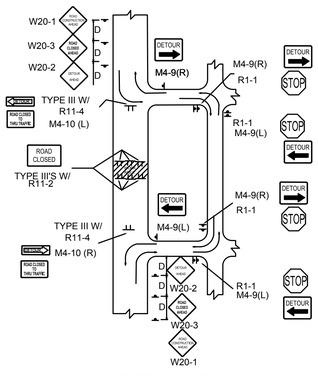
TYPICAL LANE CLOSURE AT INTERSECTION

NOTE: DEPENDING ON WORK ZONE LOCATION



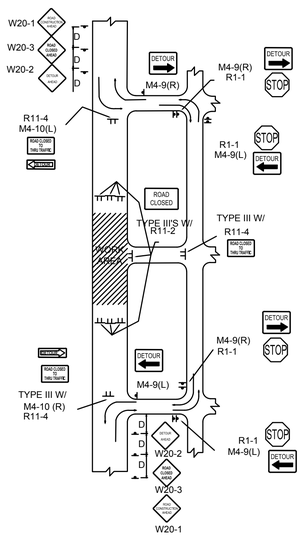
TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



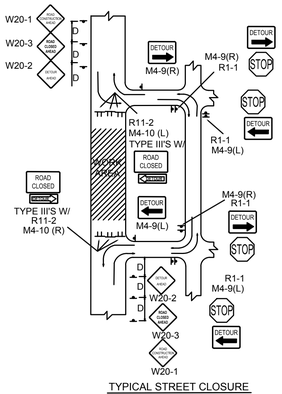
TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.



TYPICAL STREET CLOSURE

NOTE: (R1-1) BASED ON FIELD CONDITIONS.

NOTE:
TRAFFIC CONTROL SHALL BE REQUIRED ONLY FOR METERS LOCATED WITHIN STATE OWNED ROW.

THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

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DAVID A. ROYBAL NEW MEXICO 23576 PROFESSIONAL ENGINEER

11/07/2016

PROJECT ENGINEER:	David Roybal, PE
PROJECT DESIGNER:	David Roybal, PE
DRAWN BY:	Caitlin Jackson, EI

REVISIONS

No.	DATE	DESCRIPTION

TRAFFIC CONTROL, SHEET 2

WATER METER IMPROVEMENTS

CITY OF LOVINGTON

PROJECT NUMBER:
2016.1114

SHEET:
CP-502

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