

CARSON CITY PURCHASING AND CONTRACTS
201 North Carson Street, Suite 3
Carson City, NV 89701
775-882-2133 extension 30137/FAX 887-2107
<http://www.carson-city.nv.us/index.aspx?page=998>

NOTICE TO CONTRACTORS

BID #0910-131

Roop Street Widening – Phase II Project
Labor Commissioner PWP#CC-2010-118
Public Works Project No. 3.0302
Engineer's Estimate: \$4,400,000

January 22, 2010

Addendum No. 1

Please make the following additions/changes to the above referenced project.

1. Please use the following BID PROPOSAL REPLACEMENT:

Page BP – 2 thru BP-11

BID PROPOSAL

BID # 0910-131

BID TITLE: Roop Street Widening – Phase II Project

NOTICE: No substitution or revision to this Bid Proposal form will be accepted. Carson City will reject any Bid that is received that has changes or alterations to this document. Although the Prevailing Wages are provided in this bid document, the bidder is responsible to verify with the Labor Commissioner if any addendums have been issued. The successful bidder will be required to provide the current Prevailing Wages used in preparation of their bid within 24 hours of bid submission.

PRICES will be valid for sixty (60) calendar days after the bid opening which is indicated in the Notice to Contractors.

A COPY OF CONTRACTOR’S “CERTIFICATE” of eligibility issued by the State of Nevada Contractors’ Board as proof of Bidder’s compliance with the provisions of N.R.S. 338.147 must be submitted with his/her bid for the preference to be considered. This Statute does not apply to projects expected to cost less than \$250,000.

COMPLETION of this project is expected **PURSUANT TO THE BID DOCUMENTS.**

BIDDER acknowledges receipt of _____ Addendums

DESCRIPTION		SCHEDULED VALUE	UNIT	UNIT PRICE	TOTAL PRICE
SCHEDULE A - BASE ITEMS (NV Energy, AT&T, CHARTER COMMUNICATIONS, AMERICAN FIBER SYSTEMS, CARSON CITY STREET LIGHTS, CARSON CITY SIGNAL INTERTIE CONDUIT WORK)					
BP.1	MOBILIZATION, DEMOBILIZATION AND CLEAN-UP (SP 2.2.1)	1	LS		
BP.2	SURVEYING FOR SCHEDULE A WORK (SP 2.2.2)	1	LS		
BP.3	TRAFFIC CONTROL FOR SCHEDULE A WORK (SP 2.2.3)	1	LS		
BP.4	COMMON PRIMARY/SECONDARY COMMON TRENCH (SP 2.2.4)	2041	LF		
BP.5	COMMON UTILITY TRENCH - NO NV Energy ELECTRIC (SP 2.2.4)	450	LF		
BP.6	COMMON SERVICE TRENCH (SP 2.2.4)	1053	LF		
BP.7	SERVICE TRENCH / STREET LIGHT AND SIGNAL INTERTIE TRENCH - NO NV Energy ELECTRIC (SP 2.2.4)	3500	LF		
BP.8	PERMANENT PAVEMENT PATCH (SP 2.2.5)	1500	LF		
BP.9	TEMPORARY PAVEMENT PATCH (SP 2.2.5)	1	LS		
BP.10	4-INCH PVC CONDUIT, DB120 (ELECTRIC SERVICE) (SP 2.2.6)	11800	LF		
BP.11	3-INCH PVC CONDUIT, DB120 (ELECTRIC SERVICE) (SP 2.2.6)	2250	LF		
BP.12	2-INCH PVC CONDUIT, DB120 (ELECTRIC SERVICE) (SP 2.2.6)	150	LF		
BP.13	612 VAULT WITH LID "B1" (ELECTRIC SERVICE) (SP 2.2.6)	3	EA		

DESCRIPTION		SCHEDULED VALUE	UNIT	UNIT PRICE	TOTAL PRICE
BP.14	PAD MOUNTED SWITCH PAD WELL (NV Energy DWG #PE0016U) (ELECTRIC SERVICE)	1	EA		
BP.15	557 VAULT WITH LID "B1"(ELECTRIC SERVICE) (SP 2.2.6)	1	EA		
BP.16	TRANSFORMER PAD 44"X48" (ELECTRIC SERVICE) (SP 2.2.6)	2	EA		
BP.17	TRANSFORMER PAD 72"X60" (ELECTRIC SERVICE) (SP 2.2.6)	3	EA		
BP.18	FL36 PULLBOX (ELECTRIC SERVICE) (SP 2.2.6)	3	EA		
BP.19	B1730 PULLBOX (H20 RATING) (ELECTRIC SERVICE) (SP 2.2.6)	1	EA		
BP.20	DOUBLE 3-INCH PRIMARY RISER (ELECTRIC SERVICE) (SP 2.2.6)	1	EA		
BP.21	SINGLE 4-INCH PRIMARY RISER (ELECTRIC SERVICE) (SP 2.2.6)	3	EA		
BP.22	QUAD 4-INCH PRIMARY RISER (ELECTRIC SERVICE) (SP 2.2.6)	3	EA		
BP.23	SINGLE 2-INCH OR 3-INCH SECONDARY RISER SERVICE (ELECTRIC SERVICE) (SP 2.2.6)	2	EA		
BP.24	200 AMP NEW SERVICE PANEL WITH SCHEDULE 80 PVC RISER (ELECTRIC SERVICE) (SP 2.2.7)	5	EA		
BP.25	DOUBLE 100 AMP NEW SERVICE PANEL WITH 200 AMP LANDING WITH SCHEDULE 80 PVC RISER (ELECTRIC SERVICE) (SP 2.2.7)	1	EA		
BP.26	4-INCH PTS-77 CONDUIT (TELEPHONE SERVICE) (SP 2.2.8)	5400	LF		
BP.27	2-INCH PTS-77 CONDUIT (TELEPHONE SERVICE) (SP 2.2.8)	540	LF		
BP.28	FL-36 PULLBOX (TELEPHONE SERVICE) (SP 2.2.8)	3	EA		
BP.29	AT&T -2436 PULLBOX (H20 RATING) (TELEPHONE SERVICE) (SP 2.2.8)	1	EA		
BP.30	AT&T 3660 PULLBOX (TELEPHONE SERVICE) (SP 2.2.8)	5	EA		
BP.31	AT&T 38Y-65 VAULT (TELEPHONE SERVICE) (SP 2.2.8)	2	EA		
BP.32	SINGLE 2-INCH PTS-77 RISER (TELEPHONE SERVICE) (SP 2.2.8)	1	EA		
BP.33	DOUBLE 4-INCH PTS-77 RISER (TELEPHONE SERVICE) (SP 2.2.8)	6	EA		
BP.34	TRIPLE 4-INCH PTS-77 RISER (TELEPHONE SERVICE) (SP 2.2.8)	1	EA		
BP.35	2-INCH PVC CONDUIT RISER FOR NEW SERVICE BOX (TELEPHONE SERVICE) (SP 2.2.8)	8	EA		
BP.36	4-INCH PVC CONDUIT (AMER SERVICE) (SP 2.2.8)	1650	LF		

DESCRIPTION		SCHEDULED VALUE	UNIT	UNIT PRICE	TOTAL PRICE
BP.37	SINGLE 4-INCH RISER (AMER SERVICE) (SP 2.2.8)	2	EA		
BP.38	FL-36 PULLBOX (AMER SERVICE) (INSTALLATION ONLY) (SP 2.2.8)	4	EA		
BP.39	JENSEN 3048 PULLBOX (CATV SERVICE) (SP2.2.9)	8	EA		
BP.40	4-INCH PVC CONDUIT (CATV SERVICE) (SP 2.2.9)	8000	LF		
BP.41	2-INCH PVC CONDUIT (CATV SERVICE) (SP 2.2.9)	5300	LF		
BP.42	FL-36 PULLBOX (CATV SERVICE) (SP 2.2.9)	10	EA		
BP.43	2-INCH PVC CONDUIT RISER FOR NEW SERVICE BOX (CATV SERVICE) (SP 2.2.9)	11	EA		
BP.44	SINGLE 2-INCH RISER (CATV SERVICE) (SP 2.2.9)	1	EA		
BP.45	DOUBLE 2-INCH RISER (CATV SERVICE) (SP 2.2.9)	2	EA		
BP.46	SINGLE 4-INCH RISER (CATV SERVICE) (SP 2.2.9)	3	EA		
BP.47	DOUBLE 4-INCH RISER (CATV SERVICE) (SP 2.2.9)	4	EA		
BP.48	2-INCH PVC CONDUIT, SCH 80 (STREET LIGHT SERVICE) (SP 2.2.10)	2300	LF		
BP.49	NDOT #3.5 PULLBOX (STREET LIGHT SERVICE) (SP 2.2.10)	16	EA		
BP.50	NDOT #7 PULLBOX (STREET LIGHT SERVICE) (SP 2.2.10)	1	EA		
BP.51	100 AMP UNDERGROUND ELECTRICAL SERVICE PANEL (STREET LIGHT SERVICE) (SP 2.2.10)	2	EA		
BP.52	NDOT TYPE 7 STEEL POLE WITH 15-FOOT MAST ARM, NDOT PILE FOUNDATION AND LED LUMINAIRE (STREET LIGHT SERVICE) (SP 2.2.10)	12	EA		
BP.53	NO. 6 CONDUCTOR WIRE (STREET LIGHT SERVICE) (SP 2.2.10)	9915	LF		
BP.54	PEDESTRIAN CROSSWALK LIGHTING SYSTEM (STREET LIGHT SERVICE) (SP 2.2.10)	1	LS		
BP.55	2-INCH PVC CONDUIT SCHEDULE 40 (SIGNAL INTERTIE) (SP 2.2.10)	1860	LF		
BP.56	NDOT #3.5 PULLBOX (SIGNAL INTERTIE) (SP 2.2.10)	11	EA		
BP.57	NDOT #5 PULLBOX (SIGNAL INTERTIE) (SP 2.2.10)	6	EA		
BP.58	NDOT #7 PULLBOX (SIGNAL INTERTIE) (SP 2.2.10)	1	EA		
BP.59	REMOVE EXISTING INTERTIE CABLE (SIGNAL INTERTIE) (SP 2.2.10)	490	LF		
BP.60	CONSTRUCT NEW INTERTIE CABLE (SIGNAL INTERTIE) (SP 2.2.10)	1860	LF		

DESCRIPTION		SCHEDULED VALUE	UNIT	UNIT PRICE	TOTAL PRICE
BP.61	DETECTOR LOOPS (SP 2.2.11)	2	EA		
BP.62	PIPE BOLLARDS (SP 2.2.12)	2	EA		
BP.63	ADJUST EXISTING AT&T MANHOLE TO NEW FINISH GRADE (SP 2.2.13)	2	EA		
Sub-Total Schedule A:					
SCHEDULE B - BASE ITEMS (ROADWAY IMPROVEMENTS)					
BP.64	MOBILIZATION, DEMOBILIZATION AND CLEAN-UP, THIS ITEM IS SPECIFICALLY FOR WORK IN SCHEDULE B (SP 2.3.1)	1	LS		
BP.65	SURVEYING FOR SCHEDULE B WORK (SP 2.3.2)	1	LS		
BP.66	TRAFFIC CONTROL FOR SCHEDULE B WORK (SP 2.3.3)	1	LS		
BP.67	CHANGEABLE MESSAGE BOARD (SP 2.3.4)	2	EA		
BP.68	CLEARING AND GRUBBING (SP 2.3.5)	1	LS		
BP.69	REMOVE BITUMINOUS SURFACE (SP 2.3.6)	22000	SY		
BP.70	REMOVE PCC PAVEMENT SIDEWALK OR FLAT WORK (SP 2.3.6)	2500	SY		
BP.71	REMOVE PCC CURB & GUTTER (SP 2.3.6)	7000	LF		
BP.72	REMOVE AND TRIM TREES (SP 2.3.6)	1	LS		
BP.73	REMOVAL OF OTHER EXISTING IMPROVEMENTS (SP 2.3.6)	1	LS		
BP.74	REMOVE BITUMINOUS SURFACE BY COLD MILLING (SP 2.3.7)	1500	SY		
BP.75	REMOVE AND RESET PRIVATE IRRIGATION SYSTEM, FORCE ACCOUNT WORK WITH AMOUNT SET BY CARSON CITY AT FIVE THOUSAND DOLLARS (\$5000.00) (SP 2.3.8)	1	Force Acct.		
BP.76	UNCLASSIFIED EXCAVATION (ESTIMATED AT 8000 CY) (SP 2.3.9)	1	LS		
BP.77	TYPE 2 CLASS "B" AGGREGATE BASE (SP 2.3.10)	10000	CY		
BP.78	SIDEWALK CROSS DRAIN, TYPE 3, 24" CHANNEL WIDTH (SP 2.3.11)	1	EA		
BP.79	SPECIAL LANDSCAPE CROSS DRAIN (SP 2.3.11)	1	EA		
BP.80	TYPE 1 PCC CURB & GUTTER (SP 2.3.11)	8300	LF		
BP.81	NDOT TYPE A GLUE DOWN PCC CURB (SP 2.3.11)	280	LF		
BP.82	PCC MEDIAN PAVING- ARCHITECTURAL STAMPING (SP 2.3.11)	2250	SF		
BP.83	PCC SIDEWALK, 4 INCH THICKNESS (SP 2.3.11)	37500	SF		
BP.84	PCC CONCRETE, 6 INCH THICKNESS (SP 2.3.11)	4650	SF		
BP.85	6 INCH PCC POST CURB (SP 2.3.11)	1400	LF		
BP.86	DETECTABLE WARNING CAST IRON PLATES (SP 2.3.11)	350	SF		

DESCRIPTION		SCHEDULED VALUE	UNIT	UNIT PRICE	TOTAL PRICE
BP.87	REINFORCED PCC RETAINING WALL - ORMSBY PLAZA APARTMENTS (SP 2.3.12)	1	LS		
BP.88	REINFORCED PCC RETAINING WALL - JOHN STREET (SP 2.3.12)	1	LS		
BP.89	PCC WALLS, STEPS AND RAMP - BULLENTINI OFFICES (SP 2.3.12)	1	LS		
BP.90	PCC WALL AND LANDING - MILLARD APARTMENTS (SP 2.3.12)	1	LS		
BP.91	MASONRY BLOCK PRIVACY WALL - STEWART APARTMENTS (SP 2.3.12)	1	LS		
BP.92	5" PLANTMIX BITUMINOUS PAVEMENT TYPE 2 AGGREGATE, PG 64-28 NV (SP 2.3.13)	140500	SF		
BP.93	4" PLANTMIX BITUMINOUS PAVEMENT TYPE 2 AGGREGATE, PG 64-28 NV (SP 2.3.13)	58500	SF		
BP.94	3" PLANTMIX BITUMINOUS PAVEMENT TYPE 2 AGGREGATE, PG 64-28 NV (SP 2.3.13)	9500	SF		
BP.95	2" PLANTMIX BITUMINOUS PAVEMENT TYPE 2 AGGREGATE, PG 64-28 NV (SP 2.3.13)	8750	SF		
BP.96	PLANTMIX MISCELLANEOUS AREAS (SP 2.3.13)	1000	SY		
BP.97	PAVEMENT REINFORCEMENT FABRIC (SP 2.3.14)	1500	SY		
BP.98	ADJUST EXISTING VALVE BOX TO NEW FINISH GRADE (SP 2.3.15)	6	EA		
BP.99	PERMANENT PAINTED PAVEMENT MARKING FOR PARKING AREAS ONLY (SP 2.3.16)	1	LS		
BP.100	PERMANENT PAVEMENT PAINT (WHITE, WIDTH VARIES) (SP 2.3.17)	4900	SF		
BP.101	PERMANENT PAVEMENT PAINT (4-INCH SOLID WHITE) (SP 2.3.17)	3500	LF		
BP.102	PERMANENT PAVEMENT PAINT (8-INCH SOLID WHITE) (SP 2.3.17)	1100	LF		
BP.103	PERMANENT PAVEMENT PAINT (8-INCH SOLID YELLOW) (SP 2.3.17)	150	LF		
BP.104	PERMANENT PAVEMENT PAINT (4-INCH BROKEN WHITE) (SP 2.3.17)	3700	LF		
BP.105	PERMANENT PAVEMENT PAINT (4-INCH DOUBLE SOLID YELLOW) (SP 2.3.17)	2350	LF		
BP.106	PERMANENT PAVEMENT PAINT (4-INCH BROKEN YELLOW WITH 4-INCH SOLID YELLOW) (SP 2.3.17)	880	LF		
BP.107	PERMANENT PAVEMENT PAINT (4-INCH DOTTED WHITE) (SP 2.3.17)	350	LF		
BP.108	PERMANENT PAVEMENT PAINT (8-INCH DOTTED WHITE) (SP 2.3.17)	350	LF		

DESCRIPTION		SCHEDULED VALUE	UNIT	UNIT PRICE	TOTAL PRICE
BP.109	TRAFFIC SIGNAL MODIFICATIONS ROOP STREET & WILLIAM (SP 2.3.18)	1	LS		
BP.110	TRAFFIC SIGNAL MODIFICATIONS ROOP STREET & LONG STREET (SP 2.3.18)	1	LS		
BP.111	6 FOOT HIGH CHAIN LINK FENCE, TYPE CL (SP 2.3.19)	80	LF		
BP.112	5 FOOT HIGH CHAIN LINK FENCE, TYPE CL (SP 2.3.19)	110	LF		
BP.113	10 FOOT WIDE BY 5 FOOT HIGH CHAIN LINK FENCE GATE (SP 2.3.19)	1	EA		
BP.114	14 FOOT WIDE BY 5 FOOT HIGH CHAIN LINK FENCE GATE (SP 2.3.19)	1	EA		
BP.115	16 FOOT WIDE BY 6 FOOT HIGH CHAIN LINK FENCE GATE (SP 2.3.19)	1	EA		
BP.116	3 FOOT OR 4 FOOT HIGH CHAIN LINK FENCE TYPE CL (SP 2.3.19)	190	LF		
BP.117	3 FOOT TO 4 FOOT WIDE BY 3 FOOT TO 4 FOOT HIGH CHAIN LINK FENCE GATE (SP 2.3.19)	4	EA		
BP.118	3 FOOT HIGH PICKET FENCE (SP 2.3.19)	200	LF		
BP.119	CONCRETE BLOCK/WOOD RAIL FENCE (SP 2.3.19)	165	LF		
BP.120	FLEXIBLE GUIDE POSTS (BOLT DOWN) (SP 2.3.20)	15	EA		
BP.121	TYPE 2 OBJECT MARKERS (BOLT DOWN) (SP 2.3.20)	15	EA		
BP.122	PERMANENT SIGNS - GROUND MOUNTED METAL SUPPORTS (SP 2.3.21)	315	SF		
BP.123	PIPE BOLLARDS (SP 2.2.11)	12	EA		
BP.124	CLASS "A" SURVEY MONUMENTS (SP 2.3.23)	21	EA		
BP.125	3 INCH CALIPER TREES (SP 2.3.23)	5	EA		
BP.126	2 INCH CALIPER TREES (SP 2.3.23)	10	EA		
BP.127	8 FOOT HEIGHT EVERGREENS (SP 2.3.23)	7	EA		
BP.128	4 FOOT HEIGHT EVERGREENS (SP 2.3.23)	3	EA		
BP.129	4 FOOT HEIGHT SHRUBS (SP 2.3.23)	3	EA		
BP.130	5 GALLON SHRUBS (SP 2.3.23)	321	EA		
BP.131	2 GALLON SHRUBS (SP 2.3.23)	42	EA		
BP.132	1 GALLON SHRUBS (SP 2.3.23)	267	EA		
BP.133	WEED CLOTH AND PRE-EMERGENT (SP 2.3.24)	30000	SF		
BP.134	REPLACEMENT SOD (SP 2.3.25)	2000	SF		
BP.135	COBBLE, LAVA ROCK AND BARK MULCH (SP 2.3.26)	1	LS		
BP.136	3-INCH TO 8-INCH ROUNDED RIVER COBBLE, (SP 2.3.27)	500	CY		
BP.137	TOPSOIL FOR MOUNDS AND PLANTER AREAS (SP 2.3.28)	250	CY		
BP.138	LANDSCAPE BOULDERS (SP 2.3.29)	21	EA		

DESCRIPTION		SCHEDULED VALUE	UNIT	UNIT PRICE	TOTAL PRICE
BP.139	LANDSCAPE ROCK WALL (SP 2.3.30)	1	LS		
BP.140	IRRIGATION SYSTEM (SP 2.3.31)	1	LS		
BP.141	OVER EXCAVATION OF UNSUITABLE MATERIALS (SP 2.3.32)	800	CY		
Sub-Total Schedule B:					
SCHEDULE C - BASE ITEMS (WATER SYSTEM IMPROVEMENTS)					
BP.142	MOBILIZATION, DEMOBILIZATION AND CLEAN-UP FOR SCHEDULE C WORK (SP 2.4.1)	1	LS		
BP.143	SURVEYING FOR SCHEDULE C WORK (SP 2.4.2)	1	LS		
BP.144	TRAFFIC CONTROL FOR SCHEDULE C WORK (SP 2.4.3)	1	LS		
BP.145	REMOVE PIT SETTER OR METER BOX (SP 2.4.5)	26	EA		
BP.146	REMOVE FIRE HYDRANT ASSEMBLY (SP 2.4.5)	6	EA		
BP.147	REMOVE AND RESET EXISTING FIRE HYDRANT ASSEMBLY (SP 2.4.6)	1	EA		
BP.148	TEMPORARY LOWERING OF EXISTING WATER MAINS (SP 2.4.7)	1	LS		
BP.149	ADJUST EXISTING WATER VALVE BOX TO NEW FINISH GRADE (SP 2.4.8)	7	EA		
BP.150	ADJUST EXISTING PIT SETTER TO NEW FINISH GRADE (SP 2.4.8)	4	EA		
BP.151	CAP AND SLURRY FILL EXISTING WATER MAIN 4 INCH (SP 2.4.9)	1307	LF		
BP.152	CAP AND SLURRY FILL EXISTING WATER MAIN 6 INCH (SP 2.4.9)	1045	LF		
BP.153	CAP AND SLURRY FILL EXISTING WATER MAIN 8 INCH (SP 2.4.9)	1832	LF		
BP.154	CAP AND SLURRY FILL EXISTING WATER MAIN 12 INCH (SP 2.4.9)	385	LF		
BP.155	ABANDON EXISTING VALVE (SP 2.4.10)	22	EA		
BP.156	4 INCH PVC C900 WATER MAIN DR 18 (SP 2.4.11)	90	LF		
BP.157	6 INCH PVC C900 WATER MAIN DR 18 (SP 2.4.11)	845	LF		
BP.158	8 INCH PVC C900 WATER MAIN DR 18 (SP 2.4.11)	890	LF		
BP.159	10 INCH PVC C900 WATER MAIN DR 18 (SP 2.4.11)	2212	LF		
BP.160	12 INCH PVC C900 WATER MAIN DR 18 (SP 2.4.11)	476	LF		
BP.161	4 INCH GATE VALVE (SP 2.4.12)	3	EA		
BP.162	6 INCH GATE VALVE (SP 2.4.12)	5	EA		
BP.163	8 INCH GATE VALVE (SP 2.4.12)	9	EA		
BP.164	10 INCH GATE VALVE (SP 2.4.12)	15	EA		

DESCRIPTION		SCHEDULED VALUE	UNIT	UNIT PRICE	TOTAL PRICE
BP.165	12 INCH GATE VALVE (SP 2.4.12)	7	EA		
BP.166	WATER MAIN LINE LOCATION RISER (SP 2.4.12)	5	EA		
BP.167	3/4 INCH SINGLE PIT SETTER (SP 2.4.13)	15	EA		
BP.168	3/4 INCH DOUBLE PIT SETTER (SP 2.4.13)	1	EA		
BP.169	1 INCH SINGLE PIT SETTER (SP 2.4.13)	4	EA		
BP.170	1-1/2 OR 2 INCH PIT SETTER (SP 2.4.13)	7	EA		
BP.171	1 INCH PE SERVICE LINE (SP 2.4.14)	877	LF		
BP.172	2 INCH PE SERVICE LINE (SP 2.4.14)	322	LF		
BP.173	FIRE HYDRANT ASSEMBLY (SP 2.4.15)	12	EA		
BP.174	PERMANENT PAVEMENT PATCH FOR SCHEDULE C WORK (SP 2.4.16)	220	LF		
BP.175	TEMPORARY PAVEMENT PATCH FOR SCHEDULE C WORK (SP 2.4.16)	1	LS		
BP.176	PIPE BOLLARDS (SP 2.4.17)	2	EA		
BP.177	PERMANENT FLUSH VALVE ASSEMBLY (SP 2.4.18)	1	EA		
BP.178	AIR RELIEF VALVE (SP 2.4.18)	3	EA		
Sub-Total Schedule C:					
SCHEDULE D - BASE ITEMS (SANITARY SEWER SYSTEM IMPROVEMENTS)					
BP.179	MOBILIZATION, DEMOBILIZATION AND CLEAN-UP FOR SCHEDULE D WORK (SP 2.5.1)	1	LS		
BP.180	SURVEYING FOR SCHEDULE D WORK (SP 2.5.2)	1	LS		
BP.181	TRAFFIC CONTROL FOR SCHEDULE D WORK (SP 2.5.3)	1	LS		
BP.182	REMOVE OR ABANDON SANITARY SEWER MANHOLE (SP 2.5.5)	25	EA		
BP.183	TEMPORARY SANITARY SEWER SYSTEM CONNECTIONS (SP 2.5.6)	1	LS		
BP.184	CAP AND SLURRY FILL EXISTING 6 INCH SANITARY SEWER (SP 2.5.7)	420	LF		
BP.185	CAP AND SLURRY FILL EXISTING 8 INCH SANITARY SEWER (SP 2.5.7)	2366	LF		
BP.186	CAP AND SLURRY FILL EXISTING 10 INCH SANITARY SEWER (SP 2.5.7)	1930	LF		
BP.187	CAP AND SLURRY FILL EXISTING 12 INCH SANITARY SEWER (SP 2.5.7)	205	LF		
BP.188	48 INCH PRECAST SANITARY SEWER MANHOLE TYPE 1 (SP 2.5.8)	12	EA		
BP.189	60 INCH PRECAST SANITARY SEWER MANHOLE TYPE 1 (SP 2.5.8)	1	EA		
BP.190	60 INCH PRECAST SPECIAL DROP MANHOLE (SP 2.5.8)	5	EA		
BP.191	8 INCH SDR35 PVC SANITARY SEWER MAIN (SP 2.5.9)	782	LF		

DESCRIPTION		SCHEDULED VALUE	UNIT	UNIT PRICE	TOTAL PRICE
BP.192	12 INCH SDR35 PVC SANITARY SEWER MAIN (SP 2.5.9)	2134	LF		
BP.193	4 INCH SDR35 PVC SANITARY SEWER LATERAL (SP 2.5.10)	735	LF		
BP.194	6 INCH SDR35 PVC SANITARY SEWER LATERAL (SP 2.5.10)	175	LF		
BP.195	SANITARY SEWER CLEANOUT (SP 2.5.11)	7	EA		
BP.196	PERMANENT PAVEMENT PATCH (SP 2.5.12)	430	LF		
BP.197	TEMPORARY PAVEMENT PATCH (SP 2.5.12)	1	LS		
BP.198	ADJUST EXISTING SEWER MANHOLE TO NEW FINISH GRADE (SP 2.5.13)	1	EA		
Sub-Total Schedule D:					
SCHEDULE E - BASE ITEMS (STORM SEWER SYSTEM IMPROVEMENTS)					
BP.199	MOBILIZATION, DEMOBILIZATION AND CLEAN-UP FOR SCHEDULE E WORK (SP 2.6.1)	1	LS		
BP.200	SURVEYING FOR SCHEDULE E WORK (SP 2.6.2)	1	LS		
BP.201	TRAFFIC CONTROL FOR SCHEDULE E WORK (SP 2.6.3)	1	LS		
BP.202	CAP AND SLURRY FILL EXISTING 12 INCH STORM DRAIN (SP 2.6.4)	280	LF		
BP.203	CAP AND SLURRY FILL EXISTING 15 INCH STORM DRAIN (SP 2.6.4)	55	LF		
BP.204	CAP AND SLURRY FILL EXISTING 18 INCH STORM DRAIN (SP 2.6.4)	547	LF		
BP.205	CAP AND SLURRY FILL EXISTING 24 INCH STORM DRAIN (SP 2.6.4)	50	LF		
BP.206	REMOVE STORM DRAIN MANHOLE (SP 2.6.5)	1	EA		
BP.207	REMOVE STORM DRAIN CATCH BASIN OR DROP INLET (SP 2.6.5)	12	EA		
BP.208	REMOVE EXISTING CATCH BASIN AND CONST TYPE 3 CATCH BASIN (SP 2.6.6)	2	EA		
BP.209	ADJUST EXISTING STORM DRAIN MANHOLE TO NEW FINISH GRADE (SP 2.6.7)	3	EA		
BP.210	12 INCH CLASS III OR CLASS IV RCP STORM DRAIN (SP 2.6.8)	32	LF		
BP.211	15 INCH CLASS III OR CLASS IV RCP STORM DRAIN (SP 2.6.8)	1295	LF		
BP.212	18 INCH CLASS IV RCP STORM DRAIN (SP 2.6.8)	532	LF		
BP.213	24 INCH CLASS IV RCP STORM DRAIN (SP 2.6.8)	826	LF		
BP.214	CATCH BASIN TYPE 4-R (SP 2.6.9)	21	EA		
BP.215	48 INCH STORM DRAIN MANHOLE TYPE 1 (SP 2.6.10)	1	EA		

DESCRIPTION		SCHEDULED VALUE	UNIT	UNIT PRICE	TOTAL PRICE
BP.216	60 INCH STORM DRAIN MANHOLE TYPE 1 (SP 2.6.10)	1	EA		
BP.217	48 INCH STORM DRAIN MANHOLE TYPE 1-B (SP 2.6.10)	5	EA		
BP.218	60 INCH STORM DRAIN MANHOLE TYPE 1-B (SP 2.6.10)	3	EA		
BP.219	60 INCH STORM DRAIN MANHOLE TYPE IV (SP 2.6.10)	3	EA		
BP.220	PERMANENT PAVEMENT PATCH (SP 2.6.11)	360	LF		
BP.221	TEMPORARY PAVEMENT PATCH (SP 2.6.11)	1	LS		
Sub-Total Schedule E:					
SCHEDULE F: Additive Alternates					
BP.222	ADDITIVE ALTERNATIVE 1: TRENCHING, BACKFILL & PAVEMENT PATCH FOR ADJUSTMENT OF EX UTILITIES (SP 2.7.1)	400	LF		
BP.223	ADDITIVE ALTERNATIVE 2: SUBSTITUTE PVC C-900 CLASS 100 DR 25 PIPE FOR PVC SDR 35 PIPE WHEN CONNECTING, REPLACING OR INSTALLING A NEW 4-INCH SANITARY SEWER LATERAL (SP 2.7.2)	29	LF		
BP.224	ADDITIVE ALTERNATIVE 3: INSTALL 4-INCH ROMAC COUPLER WHEN SUBSTITUTING PVC C-900 PIPE FOR PVC SDR 35 (SP 2.7.3)	2	EA		
BP.225	ADDITIVE ALTERNATIVE 4: SUBSTITUTE PVC C-900 CLASS 100 DR 25 PIPE FOR PVC SDR 35 PIPE WHEN CONNECTING, REPLACING OR INSTALLING A NEW 6-INCH SANITARY SEWER LATERAL (SP 2.7.4)	50	LF		
BP.226	ADDITIVE ALTERNATE 5: INSTALL 6-INCH ROMAC COUPLER WHEN SUBSTITUTING PVC C-900 PIPE FOR PVC SDR 35 (SP 2.7.5)	2	EA		
Sub-Total Schedule F:					
Total Bid Price Schedule A + B + C + D + E + F					

BP.227 Total Bid Price Written in Words:

2. Make the following change in the General Conditions:

Page GC-21

A. GC 3.4.1 Additional Order of Work

Replace entire section in special conditions with the following:

Stage 1: The Contractor shall construct sewer main from Washington Street north to the curb returns on the north side of the intersection at William Street as Stage 1A. Stage 1A area is to be completely reopened to traffic without restriction at the completion of sewer main construction, testing, backfill and patchwork. The Contractor shall construct all work necessary for the private utility companies to underground their facilities between Beverly Drive and William Street, including conduit, vaults, and pullboxes as Stage 1B. Stage 1B also includes all water, sewer and storm drain improvements north of William Street. The improvements shall be fully operational and substantially complete, including successful completion of Schedule A conduits, vaults, pull boxes, risers and appurtenances necessary to allow private utility companies to relocate overhead facilities underground including inspection and testing by private utility companies. Raising manholes, pullboxes and vaults to grade are to be included with Stage 3. Storm drain improvements located south of John Street are to be constructed with Stage 2.

Stage 2: The Contractor shall construct all Stage 2 - Robinson Street through the William Street Intersection improvements on Roop Street, intersecting streets, and on private property. The improvements shall be fully operational and substantially complete, including successful completion of all testing, raising manholes, valves, and vaults to grade, conduits, vaults, pull boxes, risers and appurtenances, curb and sidewalk, paving, striping and signing, traffic signal construction, street lights and relocated pedestrian crossing. Storm drain improvements located between John Street and William Street are to be constructed with Stage 2, storm drain manholes in this area are to be raised during Stage 3

Stage 3: The Contractor shall construct all Stage 3 – all remaining work not included with previous stages of construction. The improvements shall be fully operational and substantially complete, raising manholes, valves, and vaults to grade, conduits, vaults, pull boxes, risers and appurtenances, curb and sidewalk, paving, striping and signing, traffic signal construction, and street lights and any remaining work outside the roadway and sidewalk section not completed for all of the construction stages.

B. GC 3.5 TIME OF COMPLETION

Add the following to the first paragraph:

All milestone completion dates are subject to liquidated damages as indicated in GC 3.13 in the special conditions.

Page GC-22

GC 3.7 CITY-FURNISHED MATERIALS

Add the following paragraph:

The City will furnish two (2) changeable message boards for use by the contractor. The message boards shall be returned to the City at the completion of the project in the same condition in which they were provided. Coordinate with the Construction Manager for delivery and condition documentation. The City is only furnishing two (2) of the four (4)

changeable message boards required with this project. See bid item description for the other two.

Page GC-47 & 48

GC 7.3.5 Working Hours

Replace section B with the following:

- B. Within the William Street and Roop Street Intersection to ends of curb returns on Roop Street:

Sunday 9:00 pm to Monday 5:30 am

Monday 9:00 pm to Tuesday 5:30 am

Tuesday 9:00 pm to Wednesday 5:30 am

Wednesday 9:00 pm to Thursday 5:30 am

Thursday 9:00 pm to Friday 5:30 am

Add the following to the paragraph "No Work shall be performed...":
"and special events as designated by NDOT."

3. Make the Following changes in the Special Conditions:

Page SC-15

SP 2.2.3:

Replace section with the following:

2.2.3 Traffic Control for Schedule A Work

- A. Work under these bid items shall consist of providing Traffic Control for all of the Schedule A improvements and maintaining traffic control for Roop Street Closure and detours associated with Roop Street Closure during utility company time between Beverly Drive and William Street.

Roop Street between Beverly Drive and William Street will be closed as of January 25, 2010 by Southwest Gas and will remain closed until the completion of the project. Work under this bid item includes coordinating with Construction Manager to replace Southwest Gas' signage with Contractor's signage immediately after notice to proceed is given.

During Stage 2 Construction, which is the private utility company time between Beverly Drive and William Street, Contractor is responsible for maintaining the Roop Street Closure signage on Roop Street at Beverly Street, Long Street, Corbett Street and William Street. In addition signage on side streets to remain closed; which are Lee Street, Park Street, Adams Street (both east and west sides), and John Street are to be maintained by the Contractor. Beverly Street, Long Street, Corbett Street and William are to remain open to east-west traffic. The Contractor's responsibility during Stage 2 is to ensure all of the above signage remains in place and in good condition. The Utility companies will be responsible for flaggers and any additional signage to maintain local accesses and for their own traffic control as needed for their individual areas of work.

This work shall conform to the requirements this Contract, including American

Traffic Safety Services Association (ATSSA)'s Quality Guidelines for Temporary Traffic Control Devices and Features.

The maximum time for traffic delays is 10 minutes in all areas of the project. Liquidated damages are assessed for delays exceeding the above stated time limit, see GC 4.13 as amended in these special conditions.

All traffic control devices are subject to being rated by the Construction Manager for conformance to the current American Traffic Safety Services Association (ATSSA) publication "Quality Standards for Work Zone Traffic Control Devices". Any device determined by the Construction Manager to not meet these quality standards shall be replaced with an acceptable device.

- B. Measurement of this item will be on a lump sum basis.
- C. Payment for Traffic Control Schedule A Work will be pro rata per the preceding schedule based on the lump sum price named in the Proposal Summary, which price shall constitute full compensation for providing, labor, materials, preparation of traffic control plans, luminaires, signing, traffic drums, warning lights, sequential flashers, temporary striping, placement and moving changeable message signs, preparation of formal inspection reports by Traffic Control Supervisor, labor, tools, equipment, materials and incidentals required to perform the work.

Page SC-16

SP 2.2.5:

Replace section with the following:

2.2.5 Permanent Pavement Patch for Schedule A Work
Temporary Pavement Patch for Schedule A Work

- A. Work under this bid items shall conform to the requirements of Section 302, SUBGRADE PREPARATION, Section 305, "TRENCH EXCAVATION AND BACKFILL," Section 308, "AGGREGATE BASE COURSES," Section 317, "SEAL COATS (FOG SEAL, SAND SEALS, AND CHIP SEALS)," and Section 320, "PLANTMIX BITUMINOUS PAVEMENT" of the City Standard Specifications and applicable Technical Specifications. The Plantmix for hot mix shall be Type 3 Aggregate, PG 64-22 NV. This work will include furnishing, placing and compaction of the aggregate base, plantmix bituminous pavement, and fog seal as required for all street cuts and other excavations.

Work under this item shall also include placement of cold mix paving on trench or other excavations only as allowed in these Specifications or as authorized by the Construction Manager. Cold mix paving shall only be used for Temporary Pavement Patching and shall only be allowed to remain in place for a maximum of 5 days and then must be removed and replaced with hot mix. No additional payment for replacement of cold mix with hot mix.

Temporary Pavement Patch shall only be used in locations where roadway is to subsequently be reconstructed or widened. Permanent pavement patch shall be used in all other locations including areas to be

cold milled and overlaid.

Fog Seal Coat shall be placed on all Permanent Pavement Patches outside of areas designated to be cold milled and overlaid.

- B. Measurement of the Permanent Pavement Patch will be per Lineal Foot along the centerline of the trench. Measurement of the Temporary Pavement Patch will be on a lump sum basis.
- C. Payment for installing this item will be made at the lump sum or unit price named in the Proposal Summary, which price shall constitute full compensation for placement of cold mix, removal of coldmix, additional sawcutting as required, placement of hot mix, existing pavement and base removal for trench patch construction, subgrade preparation, furnishing and installing aggregate base, bituminous pavement and fog seal, and all other labor, tools, equipment, materials and incidentals required to perform the work.

Page SC-19

SP 2.2.10:

Replace section with the following:

- 2.2.10 2-inch PVC Conduit, Sch 80 (Street Light Service),
NDOT # 3.5 Pullbox (Street Light Service),
NDOT #7 Pullbox (Street Light Service),
100 Amp Underground Electrical Service Panel (Street Light Service),
NDOT Type 7 Steel Pole with 15-foot Mast Arm, NDOT Pile Foundation and LED Luminaire (Street Light Service), No. 6 Conductor Wire (Street Light Service), Pedestrian Crosswalk (Street Light Service),
2-inch PVC Conduit Schedule 40 (Signal Intertie),
NDOT # 3.5 Pullbox (Signal Intertie),
NDOT #5 Pullbox (Signal Intertie),
NDOT #7 Pullbox (Signal Intertie),
Remove Existing Intertie Cable (Signal Intertie),
Construct New Intertie Cable (Signal Intertie)

- A. Work under these bid items shall conform to the requirements of Section 325, "TRAFFIC SIGNALS AND STREET LIGHTING," of the City Standard Specifications except as modified herein as well as Sections 4001, 4006, 6007, 6008 of the Technical Specifications and other applicable Technical Specifications contained herein. Work for Risers, service panels and electric conduit on NV Energy side of service panel shall conform to the requirement of the DISTRIBUTION CONSTRUCTION STANDARDS, ELECTRIC INSTALLATION GUIDE, and Latest Revision, as published by NV Energy. All pullboxes and handholes shall be full traffic rated.

All Street lighting that is not installed at signalized intersections shall be fitted with the BetaLED brand (Catalog #: STR-LWY-2M-HT-10-C-UL-SV-350).

Street lighting installed at signalized intersections shall be fitted with the BetaLED brand (Catalog #: STR-LWY-3M-HT-12-C-UL-SV-350).

- B. Measurement of the Conduit will be per Lineal Foot for each conduit to the limits indicated on the Drawings, not including conduits through manholes, vaults and pullboxes including sweeps to structures as required or as directed by the Construction Manager complete in place. Measurement for Pullboxes, Service Panels, and Risers will be per Each complete in place. Measurement for the Pedestrian Crosswalk System will be per lump sum complete in place, which will include the two (2) 4-inch conduits for future use, placed across Roop Street. Measurement for Cable Removal will be per Lineal Foot as measured from box to box with no allowance made for removal of multiple cables within the same existing conduit. Measurement for new Cable and Conductor Wire will be per Lineal Foot complete in place.
- C. Payment for installing these items will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation for sawcutting, excavation and backfill where not paid under separate bid item, furnishing and installing conduits including pull cords, fittings, pullboxes, pullbox lids including adjustment to final grade, concrete slurry at sweeps, Street Lights including foundations, removal of Intertie Cable, installation of new Intertie Cable and Conductor Wire, risers including attachment to poles and all other labor, tools, equipment, materials and incidentals required to perform the work.

Page SC-20

SP 2.2.13

Add the following after 2.2.12:

2.2.13 Adjust Existing AT&T Vault Manhole to New Finish Grade,

- A. Work under these bid items shall conform to Sections 301, "REMOVAL OF EXISTING IMPROVEMENTS," 204, "MANHOLES AND CATCH BASINS," 311, "CONCRETE STRUCTURES AND MASONRY CONSTRUCTION," and 323, "ADJUSTMENT OF NEW AND EXISTING MANHOLES, CATCH BASINS, VAULTS, WATER AND GAS VALVES, AND MONUMENTS TO FINAL GRADE" of the City Standard Specifications and applicable Technical Specifications.
- B. Measurement for this bid item will be per Each.
- C. Payment for this item will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation for excavation and backfill, removing of existing catch basin, construction of new catch basin, connections to existing storm drain pipe as required, PC concrete collar, furnishing and installing rip-rap, and all other work, labor, equipment and materials necessary to complete the work.

SP 2.3.3

Add the following to section A:

This work shall conform to the requirements this Contract, including American Traffic Safety Services Association (ATSSA)'s Quality Guidelines for Temporary Traffic Control Devices and Features.

The maximum time for traffic delays is 10 minutes in all areas of the project. Ligated damages are assessed for delays exceeding the above stated time limit, see GC 4.13 as amended in these special conditions.

SP 2.3.4

Replace section with the following:

2.3.4 Changeable Message Board

- A. Work under this bid item shall conform to the requirements of Section 625, "CONSTRUCTION SIGNS," of the NDOT Standard Specifications and applicable Technical Specifications.

Changeable Message Board shall be American Signal GP432T 4'x8' Full Matrix Message Board with Gel Battery Upgrade or approved equal. Trailer to be included with a tow ring (to work with pintle hook receiver) and a 4-pin power connector. Message Board to be used throughout entire project; upon completion of project, message board shall be delivered to the City with a certificate of ownership from manufacturer, coordinate with Construction Manager.

- B. Measurement of this item will be per Each.
- C. Payment for this item will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation for supplying the changeable message board for the duration of the project, moving the board as directed by the Construction Manager for different stages of the Project, delivery of board to the City, board maintenance for the duration of the project, and all other labor, tools, equipment, materials and incidentals required to supply, place, move and maintain the board.

SP 2.3.11

Replace the section with the following:

- 2.3.11 Sidewalk Cross Drain, Type 3, 24-inch Channel Width,
Special Landscape Cross Drain,
Type 1 PCC Curb and Gutter,
NDOT Type A Glue Down PCC Curb,
PCC Median Paving - Architectural Stamping,
PCC Sidewalk, 4-inch Thickness,

PCC Concrete, 6-inch Thickness,
6-inch PCC Post Curb,
Detectable Warning Cast Iron Plates

- A. Work under these bid items shall conform to the requirements of Section 312, "CONCRETE CURB, GUTTERS, WALKS, DRIVEWAYS AND ALLEY RETURNS," of the City Standard Specifications as well as Section 4005 of the Technical Specifications and other applicable Technical Specifications contained herein. Work for the NDOT Glue Down Curb and the Detectable Warning Pavers shall conform to the requirements of Section 613, "CONCRETE CURBS, GUTTERS AND SIDEWALKS" of the NDOT Standard Specifications and applicable Technical Specifications.

The work for the Type 1 PCC Curb and Gutter also includes installation of NDOT Type 5 Curb and Gutter for all construction within the William Street (SR 530) right-of-way, including curb returns, for which no adjustment to the unit price will be allowed. This work also includes the red paint to be applied to curbing on the turn around area at Lee Street as shown on the plans.

The work for PCC Sidewalk, 4 Inch Thickness includes residential driveway approaches and flatwork called out to be 4-inch thickness and slope paving as shown on the drawings unless included in another lump sum pay item. This work shall also conform to the requirements of Section 313, "CONCRETE SLOPE PAVING," of the City Standard Specifications.

This work shall also include construction of PCC Driveway approaches and Pedestrian Ramps.

The work for PCC Concrete, 6 Inch Thickness includes construction of commercial driveway approaches behind new sidewalks as called out on the drawings, valley gutters and valley pans.

The work for NDOT Type A Glue Down PCC Curb includes painting the entire curb yellow or as directed by Construction Manager.

- B. Measurement for the Sidewalk Cross Drain and the Special Landscape Cross Drain will be per each. Measurement of the Curbs will be per Lineal Feet. Measurement of the Median Paving, Sidewalk, Concrete and Detectable Warning Plates will be per Square Foot.

Areas requiring slope paving will be measured as Square Foot of Sidewalk. PCC Flatwork areas will be measured as Sidewalk or PCC Concrete 6 -Inch Thickness depending on thickness called out on the drawings.

Curbing required at backs of pedestrian ramps will be considered incidental to the construction of the Pedestrian Ramps and no measurement of this feature will be made.

PCC Driveway Aprons will be as Square Foot of Sidewalk. Commercial Aprons will be as Square Foot of 6" PCC Concrete. No allowance will be made for additional concrete thickness required to construct 6 - inch thickness commercial aprons.

No measurement will be made for paint on curbs. Curbs requiring paint are shown on drawings at Lee Street. The paint is incidental to the curb.

- C. Payment for these items will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation for sawcutting, excavation, all necessary formwork, reinforcement, furnishing and installing concrete, painting, placement of pedestrian ramp curbing, furnishing and installing pavers, colored concrete and stamping of colored concrete and curing agent and all other labor, tools, equipment, materials and incidentals required to perform the work.

Page SC-25

SP 2.3.13

Replace section with the following:

- 2.3.13 5" Plantmix Bituminous Pavement Type 2 Aggregate, PG 64-28 NV,
4" Plantmix Bituminous Pavement Type 2 Aggregate, PG 64-28 NV
3" Plantmix Bituminous Pavement Type 2 Aggregate, PG 64-28 NV
2" Plantmix Bituminous Pavement Type 2 Aggregate, PG 64-28 NV
Plantmix Miscellaneous Areas

- A. Work under these bid items shall conform to the requirements of Section 201, "BITUMINOUS MATERIALS", Section 320, "PLANTMIX BITUMINOUS PAVEMENTS" and Section 316, "TACK COAT," of the City Standard Specifications and other applicable Technical Specifications. The Bituminous material for the Plantmix shall be PG 64-28 NV. Aggregate for Plantmix Pavement shall be Type 2.

The Marshall mix design shall be prepared with 75 blows per end for all roadways. The Marshall mix design may be prepared with 50 blows per end for private driveways and parking lots.

Work under this item also includes Tack Coat application to existing or previously paved surfaces as required or directed by the Construction Manager. The Bituminous material for the Tack Coat shall be SS-1H, applied at a rate of 0.05 to 0.10 English gallons per square yard with the actual application rate determined by the Construction Manager at time of application.

The work for Plantmix Miscellaneous Areas only includes placement of surfacing for areas outside of the traveled roadway behind new or existing sidewalks. The quantity of Plantmix Bituminous Pavement will be paid under the bid item 3" Plantmix Bituminous Pavement Type 2 Aggregate, PG 64-28 NV. Areas include driveway approaches, parking lot re-paving, and for areas adjacent to new curbs for which roadway paving is not indicated on the drawings. This work does not include paving of areas adjacent to new or existing curbs for which roadway paving is indicated on the drawings which shall be considered incidental to the associated bid item.

Furnishing and installing parking lot PC concrete wheel stops is also included under the work for this bid item for which there will not be a direct measurement of payment.

The top lift of the roadway shall be profilographed. Profilograph Equipment will only be used on Roop Street.

- B. Measurement for the 5", 4", 3" and 2" Plantmix Bituminous Pavement Type 2 Aggregate, PG 64-28 NV, will be by the square foot, compacted in place as shown on the drawings or as directed by the Construction Manager.

Measurement for Plantmix Miscellaneous Areas will be per Square Yard for placing the pavement only. Areas will be measured one time only, without consideration of number of lifts involved. The quantities of Plantmix Bituminous Pavement used for the Plantmix Miscellaneous Areas will be measured under 3" Plantmix Bituminous Pavement Type 2 Aggregate, PG 64-28 NV.

- C. Payment for these items will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation for furnishing and installing bituminous pavement, tack coat where required, parking lot PC concrete wheel stops, and all other labor, tools, equipment, materials and incidentals required to perform the work.

Page SC-26

SP 2.3.16

Add the following under section A:

Work under this item includes striping of all parking lots impacted by construction including restriping of Walton's parking lot impacted by new conduit work.

SP 2.3.17

Replace section with the following:

- 2.3.17 Permanent Pavement Paint (White, Width Varies),
Permanent Pavement Paint (4-inch Solid White),
Permanent Pavement Paint (8-inch Solid White),
Permanent Pavement Paint (8-inch Solid Yellow),
Permanent Pavement Paint (4-inch Broken White),
Permanent Pavement Paint (4-inch Double Solid Yellow),
Permanent Pavement Paint (4-inch Broken Yellow with 4-inch Solid Yellow),
Permanent Pavement Paint (4-inch Dotted White),
Permanent Pavement Paint (8-inch Dotted White)

- A. Work under these bid items shall conform to the requirements of Section 632, "PERMANENT PAINTED PAVEMENT MARKINGS" and Section 729.03.04 "Epoxy Paint Marking Material" of the NDOT Standard Specifications, the manufacturer's installation requirements and applicable Technical Specifications. All striping shall be painted with epoxy paint.

Stop bars, arrows and crosswalks are included with the Type 1,

White, Width Varies bid item. Areas for arrows are as identified in NDOT Standard Plan T-38.1.1 to T.38.1.5.

- B. Measurement for these bid items will be per Square Feet or Lineal Feet as named in the Proposal Summary.
- C. Payment for these items will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation for furnishing and installing paint, and all other labor, tools, equipment, materials and incidentals required to perform the work.

Page SC 28

SP 2.3.20

Replace the section with the following:

2.3.20 Flexible Guide Posts (Bolt down),
Type 2 Object Markers (Bolt down)

- A. Work under this bid item shall conform to the requirements of Section 619, "OBJECT MARKERS AND GUIDE POSTS," of the NDOT Standard Specifications and applicable Technical Specifications.

Work under this item includes placement of Flexible Guide Posts as directed by construction manager. Placement of these Guide Posts may be on neighboring streets.

- B. Measurement for these bid items will be per Each.
- C. Payment for these items will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation for furnishing and installing the posts and object markers including bases and all other labor, tools, equipment, materials and incidentals required to perform the work.

Page SC-31

SP2.3.29

Add the following to section A:

Boulders shall have a distribution range of 4' to 6' and be relatively free of scrapes and scars.

SP 2.3.30

Replace the section with the following:

2.3.30 Landscape Rock Wall

- A. Work under this bid item shall conform to the requirements of Sections 9000, 9001 and 9002 of the Technical Specifications and other applicable Technical Specifications contained herein.

Contractor shall place rock walls as shown on landscaping plans or directed by the Construction Manager. Work under this bid item includes all rock except the Boulders. The Boulders for the wall paid for under separate bid item

The minimum rock size shall be 12" x 12". The bottom rocks are to be imbedded 1/3 the height of the bottom rock. Walls are to be stacked tight with filter fabric to be placed along the back of wall. Joints shall be snug and the top of the wall relatively level.

- B. Measurement for this bid item will be per Lump Sum.
- C. Payment for this item will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation for furnishing rock, filter fabric, constructing wall and all other labor, tools, equipment, materials and incidentals required to perform the work.

SP 2.3.32

Add the following section after SP 2.3.31 Irrigation System

2.3.32 Over Excavation of Unsuitable Materials (Estimated at 800 CY)

- A. Work under this bid item shall conform to the requirements of Section 1008 of the Technical Specifications and other applicable Technical Specifications contained herein. The estimated quantity listed is provided to establish a unit price only. No guarantee of the accuracy of this volume is assumed as it is has not been calculated.

Work under this bid item shall be as directed by Construction Manager in the event that unsuitable materials are found during construction. Work under this bid item includes over excavation of unsuitable material estimated at 24" below proposed aggregate base subgrade elevation, removal of excavated material, placement of a non-woven geotextile, such as Mirafi 140n or approved equal, placement of Type II, Class B aggregate base in a single lift with the upper 12 inches compacted at 90% relative compaction (per ASTM D 1557) using static rolling methods.

- B. Measurement for this item will be per Cubic Yard, based on the excavated amount verified by Construction Manager at time of excavation.
- C. Payment for this item will be made at the unit price named in the Proposal Summary and is not subject to adjustment under section GC 6.4.4. The unit price shall constitute full compensation for verification of actual material quantity, excavation, removal of material off the project site, geotextile, aggregate base, compaction and all other labor, tools, equipment, materials and incidentals required to perform the work.

Page SC-32

SP 2.4.4

Replace the section with the following:

2.4.4 Not Used

Page SC-34

SP 2.4.12

Add the following under section A:

Work under these bid items includes cut in valves as shown on the plans.

Page SC-35

SP 2.4.16

Replace the section with the following:

2.4.16 Permanent Pavement Patch for Schedule C Work,
Temporary Pavement Patch for Schedule C Work

Refer to SP 2.2.5 for the description and basis of payment of this bid item.

Page SC-36

SP 2.5.4

Replace the section with the following:

2.5.4 Not Used

Page SC-38

SP 2.5.12

Replace section the following:

2.5.12 Permanent Pavement Patch for Schedule D Work,
Temporary Pavement Patch for Schedule D Work,

Refer to SP 2.2.5 for the description and basis of payment of this bid item.

SP 2.5.13

Add the following after 2.5.12:

2.5.13 Adjust Existing Sewer Manhole to New Finish Grade,

- A. Work under these bid items shall conform to Sections 301, "REMOVAL OF EXISTING IMPROVEMENTS," 204, "MANHOLES AND CATCH BASINS," 311, "CONCRETE STRUCTURES AND MASONRY CONSTRUCTION," and 323, "ADJUSTMENT OF NEW AND EXISTING

MANHOLES, CATCH BASINS, VAULTS, WATER AND GAS VALVES, AND MONUMENTS TO FINAL GRADE” of the City Standard Specifications and applicable Technical Specifications.

- B. Measurement for this bid item will be per Each.
- C. Payment for this item will be made at the unit price named in the Proposal Summary, which price shall constitute full compensation for excavation and backfill, removing of existing catch basin, construction of new catch basin, connections to existing storm drain pipe as required, PC concrete collar, furnishing and installing rip-rap, and all other work, labor, equipment and materials necessary to complete the work.

Page SC-40

SP 2.6.7

Replace section with the following:

2.6.7 Not Used

Page SC-41

SP 2.6.11

Replace section with the following:

2.6.11 Permanent Pavement Patch for Schedule D Work,
Temporary Pavement Patch for Schedule D Work,

Refer to SP 2.2.5 for the description and basis of payment of this bid item.

Page SC-42

SP 2.7.6

Replace the section with the following:

2.7.6 Not Used

Page SC-43

SP 3.2

Add the following after SP 3.2:

SP 3.3 320 PLANTMIX BITUMINIOUS PAVEMENT

320.02.01 Composition of Mixtures

Add the following:

Asphalt Cement, Grade PG64-28NV shall be used for all paving areas and shall meet the following requirements:

The maximum temperature of the mixture at the plant when using performance graded asphalt shall be 177 °C (350 °F). The minimum temperature of the mixture at the plant when using performance graded asphalt shall be 149 °C (300 °F). In no case shall the temperature of the mixture leaving the plant and arriving at the paver drop more than 11 °C (20 °F) for plantmix surface mixtures and 8 °C (15 °F) for plantmix open-graded mixtures when using performance graded asphalt.

320.04.01 Asphalt

Add the following:

Maintain the performance-graded asphalt in storage tanks at a minimum temperature of 149 °C (300 °F) during the production of bituminous mixtures. Continuously circulate or moderately agitate the asphalt in the storage tanks during the production of bituminous mixtures.

321.05 Spreading and Finishing

Add the following:

Profilograph Equipment

Furnish and operate a California type profilograph for checking riding tolerances at the time and date ordered. Equip the profilograph with a 25 ft wheel base and the following features:

- (1) 3-Unit Frame Assembly.
 - (a) All welded construction of light weight aluminum square tubing.
 - (b) Index frame connections by 4 steel locating pins and secured by 4 quick acting clamps rated at 800 lb each.
- (2) Multiple Wheel Assemblies.
 - (a) Wheel supports of square steel tubing and all welded construction.
 - (b) Secure connections by quick acting clamps.
 - (c) Wheels with cast aluminum hubs, ball bearings and cushion rubber tires.
 - (d) Bearing support caster wheel assemblies.
 - (e) Steerable front wheels from the center of the machine.
 - (f) Rear wheels with a quick setting manual adjustment for turning in a short radius, moving sideways, and to prevent rear end crabbing on superelevations.
- (3) Recording Wheel Assembly.
 - (a) Frame of all welded construction of light weight rectangular aluminum tubing.
 - (b) Light weight 24 in. minimum diameter recording wheel with heavy duty spokes for maximum rigidity, with a pneumatic tire maintained at 25 psi air pressure unless otherwise specified by the manufacturer.
- (4) Recorders (computerized required).
 - (a) A high resolution printer capable of printing the profile trace to the specified scale and automatic positioning and marking of the specified "blanking band" and "must grind" bumps. It shall also be capable of printing station numbers, distances, and comments entered by the operator via keypad while measuring the profiles.
 - (b) It shall also calculate the profile index in per mi per each 0.1 mi section without hand calculations or data reduction.
 - (c) A display screen for instant visual observation of the road profile and "must grind" areas while measurements are being taken.

(d) The horizontal chart scale shall be un. equals 25 ft and the vertical scale shall be 1 in. equals 1 in. The recorder shall have an adjustment feature to calibrate the scales to the parameters. Calibrate the profilograph before usage to be accurate within 0.5 ft in 500 ft longitudinally.

(e) Battery backed up memory shall retain control parameters when the system is powered down.

(f) Capable of accurate operation in ambient temperatures from 45 degrees Fahrenheit to 120 degrees Fahrenheit.

320.06 ACCEPTANCE

Add the following:

320.06.01 Surface Tolerances

Produce completed surfacing which is smooth and free from ruts, humps, depressions, or irregularities. Eliminate any ridges, indentations or other objectionable marks left in the surface by rolling or other means. Discontinue use of any equipment that leaves ridges, indentations, or other objectionable marks in the bituminous surface, or does not consistently produce a surface meeting the profile index requirements. After final rolling, measure the smoothness of the final dense-graded surface course by the following Profilograph

Measurement method:

Measure profiles within each traffic lane at 3 ft from and parallel to the right traffic lane line. Perform the profilograph measurement in the direction of traffic. Measure profiles for the entire length of each traffic lane within 48 hours after each day's placement of plantmix bituminous mixture. Make construction joints with the existing pavement meet the requirements of this Subsection. Mark the pavement surface with paint at least every 0.2 mi. mark excessive high points, as defined below, with paint during the initial run of the profilograph. Painted marks shall not exceed 4 in. unless otherwise directed. Include 30 ft of the existing pavement on each end of Project in the profile determination.

Operate the California type profilograph at a speed of 3 mph or less. Towing the profilograph while measuring profiles may be allowed if given approval. Do not ride on the California type profilograph.

Complete initial runs of the profilograph before opening the new pavement to public traffic whenever practical. Flagging costs for traffic control required for the initial running of the profilograph will not be paid for separately but considered incidental to other items of Work. Submit the profile graphs immediately thereafter to Construction Manager for evaluation. Label profile graphs as directed. A profile index will be calculated for each 0.1 mi of traffic lane measured according to Test Method No. Nev. T446.

The maximum allowable profile index shall for each mile section and 0.1 mi section for the specified pavement type shall be as follows:

PROFILE INDEX

5-in./mi 0.5 in./0.1mj

Repair or remove and replace all areas exceeding the profile index requirements and areas representing high points on the profiles having deviations in excess of 0.4 in. as measured according to Test Method No. Nev. 1446. Re-measure repaired or replaced

areas for conformance with the profile index and for no high points in excess of 0.4 in. High points in excess of 0.4 in. may be allowed to remain in place, if requested and approved. Grinding may be utilized for repair to the open-graded surface when approved. Limit grind areas to 25 ft in length. Perform additional grinding as necessary to extend the ground area laterally to the nearest lane line or edge of pavement and longitudinally to lines normal to the pavement centerline. Apply seal coat to ground areas after the surface tolerance specifications have been met. The seal coat shall be Emulsified Asphalt, Type SS-1 h (Diluted) applied as directed. The grinding machine for correcting pavement exceeding the profile requirements shall be power driven, self-propelled and specifically designed to remove, profile, smooth, and texture hot mix asphalt. Use grinding machine with a wheel base of not less than 12 ft, equipped with a rotating powered mandrel drum studded with diamond blades with a cutting head not less than 3 ft wide. Equip the grinding machine with an effective means for controlling dust and other particulate matter. Do not cause strain or damage to the underlying surface of the pavement with grinding machine. Do not use grinding and texturing equipment that causes raveling, aggregate fractures, spalls, or disturbance of joints. Perform grinding in a longitudinal direction. Satisfactorily grind to produce a uniform textured surface over the surface areas designated for grinding.

The surface of the ground pavement shall have a parallel corduroy-type texture consisting of grooves between 0.09 in. high and 0.13 in. wide. The peaks of the ridges shall be approximately 1/16 in. higher than the bottom of the grooves with approximately 52 to 57 evenly spaced grooves per foot.

Pick up and dispose of grinding materials, including water used for the grinding operation. Spreading and Finishing. Place the material in a windrow in front of the spreading and finishing machine. Preparation of Aggregates. Before the introduction of mineral filler, add sufficient moisture to bring the aggregates

to a moisture content where enough free surface moisture is available to thoroughly wet the aggregate and activate the lime. The actual amount of moisture required shall be as approved.

Compaction. Perform compactive rolling with a minimum of 2 complete coverages of the mat, by each roller, or as directed. A complete coverage is defined as a roller pass forward and back within a given area. Weather Limitations. Open-grade plantmix surface shall be placed only when the pavement temperature in the shade is above 60 degrees Fahrenheit.

Page SC-46

SP 7.2 Terms and Conditions

Replace entirely with the following:

SP 7.2 Terms and Conditions

The Contractor shall comply with NDOT's Interim Terms and Conditions Relating to Right-of-Way Occupancy Permits, 2007 Edition, and the Additional Terms and Conditions of the Permit. Failure to comply with the Permit Terms and Conditions may result in temporary revocation of the permit or immediate closure of the project site by NDOT.

The Contractor shall submit a traffic control plan for acceptance by the NDOT District II Traffic Office prior to the permit being issued and commencement of any work in the NDOT right-of-way. The term "PERMITEE" as used in the conditions of the NDOT Permit shall be interpreted to mean the Contractor.

Carson City has applied for a Right-of-Way Occupancy Permit for this project. The NDOT Permit Additional Terms and Conditions, which are subject to change, are expected to

contain the following items:

DISTRICT # 2 PERMIT #76536-4

1. At HES "XE" 48+80.83 (SR 530, William Street, CC 0.30) to HES "XE" 50+80.83 (SR 530, William Street, CC 0.34) construct underground 12" sanitary sewer with 3 NDOT Type I manholes. All work shall be done in accordance with plan sheets R4 and R10, dated 1/05/2010 and the attached NDOT standard plans.
2. Permittee shall contact the permit office at (775) 834-8330 two (2) working days prior to construction and two (2) working days prior to any lane closures on the State's right-of-way.

TRAFFIC CONTROL AND SAFETY

3. All traffic control shall conform to the "Manual on Uniform Traffic Control Devices", Chapter 6, and 2010 Nevada Standard Plans. Traffic shall not be impacted more than 10 minutes.
4. All Category 1 & 2 Traffic Control Devices used on NDOT roadways shall be National Cooperative Highway Research Program (NCHRP) Report 350 compliant. The permittee and/or contractor shall have manufacturer's certificates of compliance available at the project site.
5. All traffic control devices are subject to being rated by the Permit Inspector for conformance to the current American Traffic Safety Services Association (ATSSA) publication "Quality Standards for Work Zone Traffic Control Devices". Any device determined by the Inspector to not meet these quality standards shall be replaced with an acceptable device.
6. PERMITTEE shall include "UTILITY WORK AHEAD" and or "ROAD WORK AHEAD" signs as a part of their traffic control plan.
7. Any appurtenance installed that represents a hazard to the traffic shall be protected in accordance with the AASHTO Roadside Design Guide and approved by NDOT prior to installation.
8. All vertical drop-offs 3" or greater that are within the clear zone shall be protected by an NDOT approved method.
9. If boring and/ or receiving pits are placed within the clear zone they shall be protected using portable concrete barrier rail, interlocking and in good, sound condition. Barrier rail shall have proper flare rates and temporary impact attenuators for exposed ends. If boring and/ or receiving pits are placed outside of the clear zone (a minimum of XX' from the edge of pavement) they shall be completely fenced.
10. Permittee shall submit a traffic control plan for acceptance by the NDOT District II Traffic Office prior to the permit being issued and commencement of any work in the NDOT right-of-way.
11. The hours of work will be from 9:00 p.m. to 5:30 a.m., nightly, Sunday night through Friday morning.

12. Permittee shall maintain two-way traffic at all times during construction.

CONSTRUCTION PRACTICES

13. All work within NDOT's right-of-way shall be in compliance with the Americans with Disabilities Act (ADA).
14. All work within NDOT's right-of-way shall conform to the ***State of Nevada Department of Transportation Standard Specifications for Road and Bridge Construction***, 2001 Edition and the ***State of Nevada Department of Transportation Standard Plans for Road and Bridge Construction***, 2010 Edition.
15. A complete permit package including NDOT accepted Traffic Control plans shall be available at the job site at all times during construction. All contractors and subcontractors connected with work on this project shall have a complete copy of this permit with NDOT approved plans at the site at all times or the work will be closed down until a copy is made available.
16. Permittee shall submit "As-built" plans to the District Office showing exact location and depth on both plan and profile within thirty (30) days of completion of construction.
17. No work shall be allowed in the NDOT Right of Way from 6:00 am the day before a holiday thru 7:00 pm the day after a holiday unless prior written approval has been given by NDOT.
18. Backfill material shall conform to NDOT Standard Specification Section 207 for granular backfill.
19. **NO POTHOLING SHALL BE PERFORMED IN THE ROADWAY PRIOR TO WRITTEN AUTHORIZATION.**
20. All permanent patches shall meet the specifications set forth in section 403.03.04 - Surface Tolerances, of the State of Nevada Department of Transportation Standard Specifications for Road and Bridge Construction, current edition.
21. Trench plate shall not be used on paved surfaces within the NDOT right-of-way. All temporary patches open to traffic must be paved with plantmix asphalt. Cold-mix shall **not** be used in the travel way.

SITE MAINTENANCE DURING CONSTRUCTION

22. Permittee shall be responsible for maintaining the integrity of the roadway surface. Dust, dirt, mud, gravel, etc. carried onto the roadway surface shall be cleaned off on a regular basis (at least once a day or as requested by NDOT personnel). Failure to comply may result in the Nevada Department of Transportation having the roadway cleaned and the cost for the clean-up billed to the Permittee.
23. Permittee shall return all highway appurtenances disturbed or destroyed to a condition equal to or better than the original and in accordance with

NDOT Standard Plans and Specifications.

24. Dust control and soil stabilizer shall be included in the contract documents.
25. Permittee shall coordinate relocation of disturbed survey monuments with the NDOT Location Division, Dave Hamlin at (775) 888-7256. Monuments shall be replaced by a Nevada Licensed Professional Land Surveyor (PLS), per the special instructions for survey, mapping, or GIS consultants and Nevada Revised Statutes.
26. Permittee shall remove large rocks (4" or larger) unearthed during construction from the surface of the right-of-way area. The rocks shall be disposed by burying in approved locations or use as riprap in approved drainage locations.
27. Permittee shall reinstall signs, object markers, milepost panels, marker posts and guideposts disturbed during construction by the end of the working day.
28. Permittee shall not store equipment, materials or spoils in NDOT right-of-way outside of normal working hours.

4. Make the following changes to the Plan Sheet Pages:

PLAN AMENDMENTS:

CS2:

GENERAL NOTES:

Add Note 33:

33. CONTRACTOR SHALL REPAIR ANY STRIPING REMOVED DURING CONSTRUCTION ON PRIVATE PARKING LOTS WHETHER OR NOT THE AREAS ARE SHOWN ON THESE PLANS. COORDINATE WITH PROPERTY OWNERS AND CONSTRUCTION MANAGER.

LEGEND:

Below is a display showing the corrected linetype legend (changes include special construction symbol and construction limits):

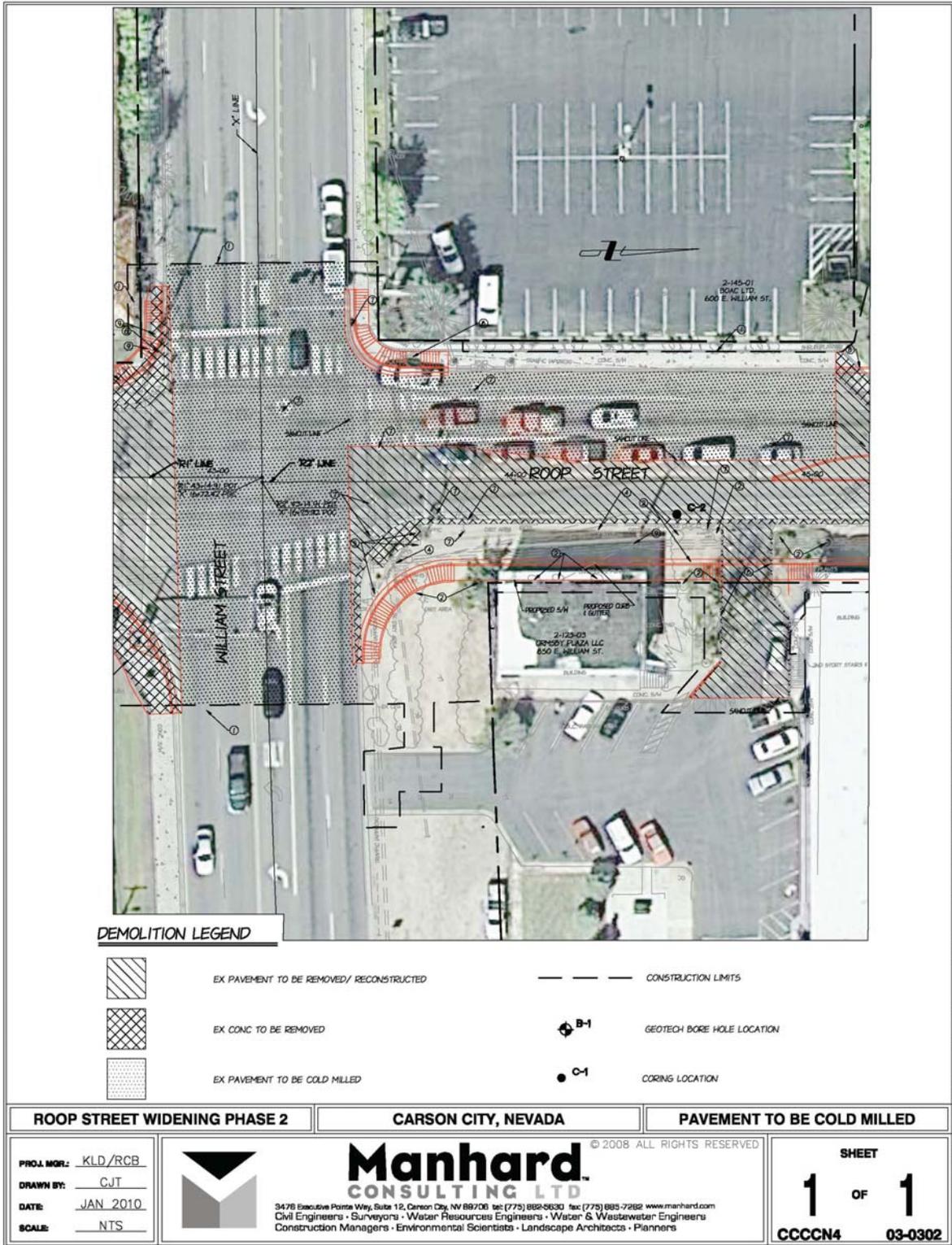
LEGEND:		
Existing	Proposed	
		CENTERLINE
		RIGHT-OF-WAY
		PROPERTY LINE
		EASEMENT
		CONSTRUCTION LIMITS
		SANITARY SEWER LATERAL (4" 500.35 UALD)
		SANITARY SEWER
		STORM DRAIN
		WATER MAIN
		WATER METER
		GATE VALVE
		LINE LOCATION RISER
		FLUSH VALVE RISER
		IRRIGATION LINE
		IRRIGATION ROCK
		SPECIAL CONSTRUCTION
		FIRE HYDRANT
		CATCH BASIN
		55 OR 50 MANHOLE BY BASE OF SIGN
		STREET SIGN
		LIGHT POLE
		TRAFFIC SIGNAL POLE
		TRAFFIC SIGNAL LINES
		TELEPHONE LINE
		OVERHEAD ELECTRIC
		UNDERGROUND ELECTRIC
		CABLE TV LINE
		GAS LINE
		AERIAL SPOT ELEVATION
		SURVEY SPOT ELEVATION
		BORE HOLE / CORE LOCATION
		CONTROL POINT LOCATION
		WOOD FENCE
		CHAIN LINK FENCE
		DECORATIVE FENCE
		CONCRETE RETAINING OR BLOCK WALL
		FLOWLINE
		GRAVE DRAINAGE
		CENTERLINE MARKER
		CENTERLINE MARKER
		GUTTER RISER
		UNDERGROUND UTILITY VAULT
		UTILITY BOX
		UTILITY POLE
		GUT ANCHOR
		DOLLARS/POST
		DRYING BASE ROAD OR DRIVE
		GUTTER LIP/EDGE OF PAVEMENT
		TOP OF SLOPE
		SLOPE INDICATOR
		TOE OF SLOPE
		PEDESTRIAN RAMP
		DRIVEWAY CURB CUT
		CONCRETE STAMPING
		TREES
		VEGETATION/BUSHES

ROOP STREET WIDENING PHASE 2	CARSON CITY, NEVADA	LEGEND
PROJ. MGR: <u>KLD/RCB</u> DRAWN BY: <u>CJT</u> DATE: <u>JAN 2010</u> SCALE: <u>NTS</u>	 <p>Manhard CONSULTING LTD</p> <p>3478 Executive Plaza Way, Suite 102, Carson City, NV 89703 Tel: (775) 852-6600 Fax: (775) 852-7282 www.manhard.com Civil Engineers - Surveyors - Water Resources Engineers - Water & Wastewater Engineers Construction Managers - Environmental Scientists - Landscape Architects - Planners</p>	© 2008 ALL RIGHTS RESERVED SHEET 1 OF 1 CCCCN4 03-0302

Dwg Name: P:\Ccccn4\dwg\Eng\Exhibits Eng\LEGEND.dwg Updated By: cthomas January 18, 2010 13:25

D2:

Cold mill hatch is missing. Below is a display showing area to be cold milled:



R3:

PROFILE:

Proposed Centerline finished grade has not been provided, it will be shown on conformed set. The finished grade will essentially match the existing grade.

CONSTRUCTION NOTES

Replace note 10 with the following:

10. REMOVE EX CB AND REPLACE WITH TYPE 3 CATCH BASIN @ "R1" 38+62.67, 40.85' LT, CONST CONCRETE COLLAR & PLACE 0.5' CY 3" RIP-RAP AROUND CB 2.0' WIDTH 0.5' THICKNESS (NO DIRECT PAYMENT FOR COLLAR & RIP-RAP)

Replace note 33 with the following:

33. "R1" 39+13.77, 14.02' RT: 24" SD CROSSING OVER 6" WATER MAIN (FH LATERAL). LOWER WATER MAIN AT STORM DRAIN CROSSING. "SPECIAL CONSTRUCTION REQUIRED"; CONST FULL LENGTH OF SD PIPE CENTERED ON WM PIPE. CONST FULL LENGTH OF WM PIPE CENTERED ON SD PIPE. PROVIDE RESTRAINED JOINTS ON WM.

R4:

PROFILE:

Proposed Centerline finished grade has not been provided, it will be shown on conformed set. The finished grade will essentially match the existing grade.

CONSTRUCTION NOTES

Add note 70:

70. "R1" 41+48.90, 1.80' RT: 24" SD CROSSING OVER 6" WATER MAIN (FH LATERAL). LOWER WATER MAIN AT STORM DRAIN CROSSING. "SPECIAL CONSTRUCTION REQUIRED"; CONST FULL LENGTH OF SD PIPE CENTERED ON WM PIPE. CONST FULL LENGTH OF WM PIPE CENTERED ON SD PIPE. PROVIDE RESTRAINED JOINTS ON WM.

R5:

CONSTRUCTION NOTES

Replace note 24 with the following:

24. CONTINUE PERMANENT PAVEMENT PATCH TO LIGHT POLE AS NECESSARY TO REPAIR PARKING LOT AFTER CONDUIT INSTALLATION. REFER TO SHT U8 FOR CONTINUATION OF CONDUIT RUN.

R9:

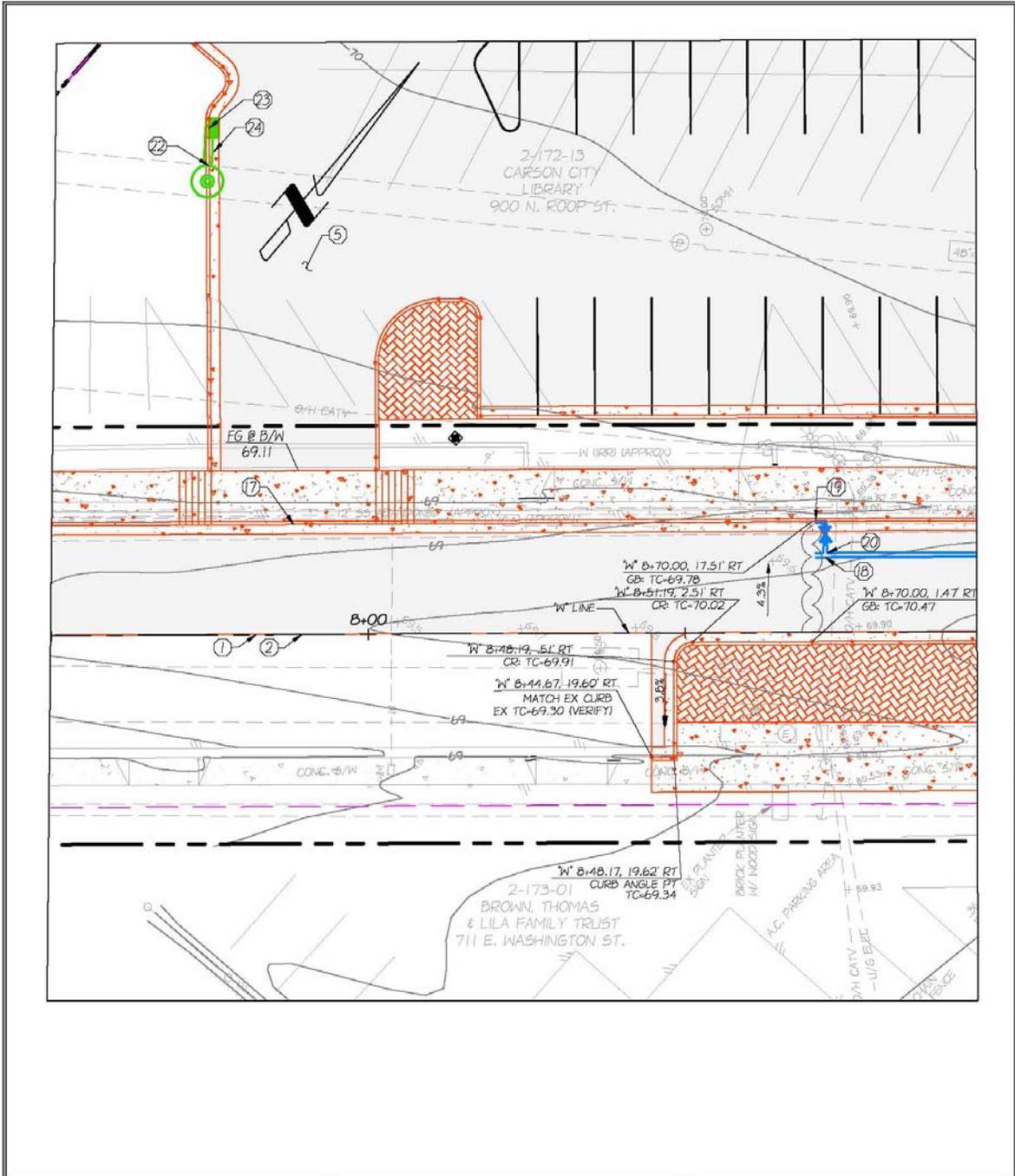
PLAN VIEW:

Add hatch to indicate decorative stamped concrete to the island at the library entrance as shown is the display below:

CONSTRUCTION NOTES

Replace note 18 with the following:

18. CONTINUE PERMANENT PAVEMENT PATCH TO LIGHT POLE AS NECESSARY TO REPAIR PARKING LOT AFTER CONDUIT INSTALLATION. REFER TO SHT U8 FOR CONTINUATION OF CONDUIT RUN.



January 18, 2010 — 14:11 Dwg Name: P:\Ccccn4\dwg\Eng\Exhibits Eng\LIBRARY CONC.dwg Updated By: cthomas

ROOP STREET WIDENING PHASE 2	CARSON CITY, NEVADA	CARSON CITY LIBRARY
PROJ. MGR.: <u>KLD/RCB</u> DRAWN BY: <u>CJT</u> DATE: <u>JAN 2010</u> SCALE: <u>NTS</u>	 <p style="font-size: x-large; font-weight: bold; margin: 0;">Manhard</p> <p style="font-weight: bold; margin: 0;">CONSULTING LTD</p> <p style="font-size: x-small; margin: 0;"> 3478 Executive Park Way, Suite 10, Carson City, NV 89708 tel: (775) 882-5630 fax: (775) 885-7282 www.manhard.com Civil Engineers • Surveyors • Water Resources Engineers • Water & Wastewater Engineers Construction Managers • Environmental Scientists • Landscape Architects • Planners </p>	SHEET <div style="font-size: 2em; font-weight: bold; margin: 0;">1</div> OF <div style="font-size: 2em; font-weight: bold; margin: 0;">1</div> CCCCN4 03-0302

R13:

CONSTRUCTION NOTES – E ADAMS

Replace note 25 with the following:

25. NOT USED

Replace note 20 with the following:

20. CONST NEW 4" PVC SDR 35 SEWER LATERAL.
CONSTRUCT LATERAL BRANCH TO CONNECT TO EX
SEWER AT GARAGE AND IN FRONT OF HOUSE W/ SSCO @
"A" 8+45.10, 28.00' RT; "A" 8+40.14, 52.33' RT; "A" 8+53.81,
48.30' RT; "A" 8+34.88, 78.41' RT. (VERIFY LOCATION OF EX
LATERAL). YARD TO BE RESTORED TO EXISTING
CONDITION WITHIN ONE WEEK OF SEWER CONNECTION,
COORDINATE WITH CONSTRUCTION MANAGER AND
PROPERTY OWNER.

R15:

CONSTRUCTION NOTES - LEE STREET

Add note 34:

PAINTE ALL CURB ON TURN OUT AND AT DEAD END CURB ON LEE
STREET RED.

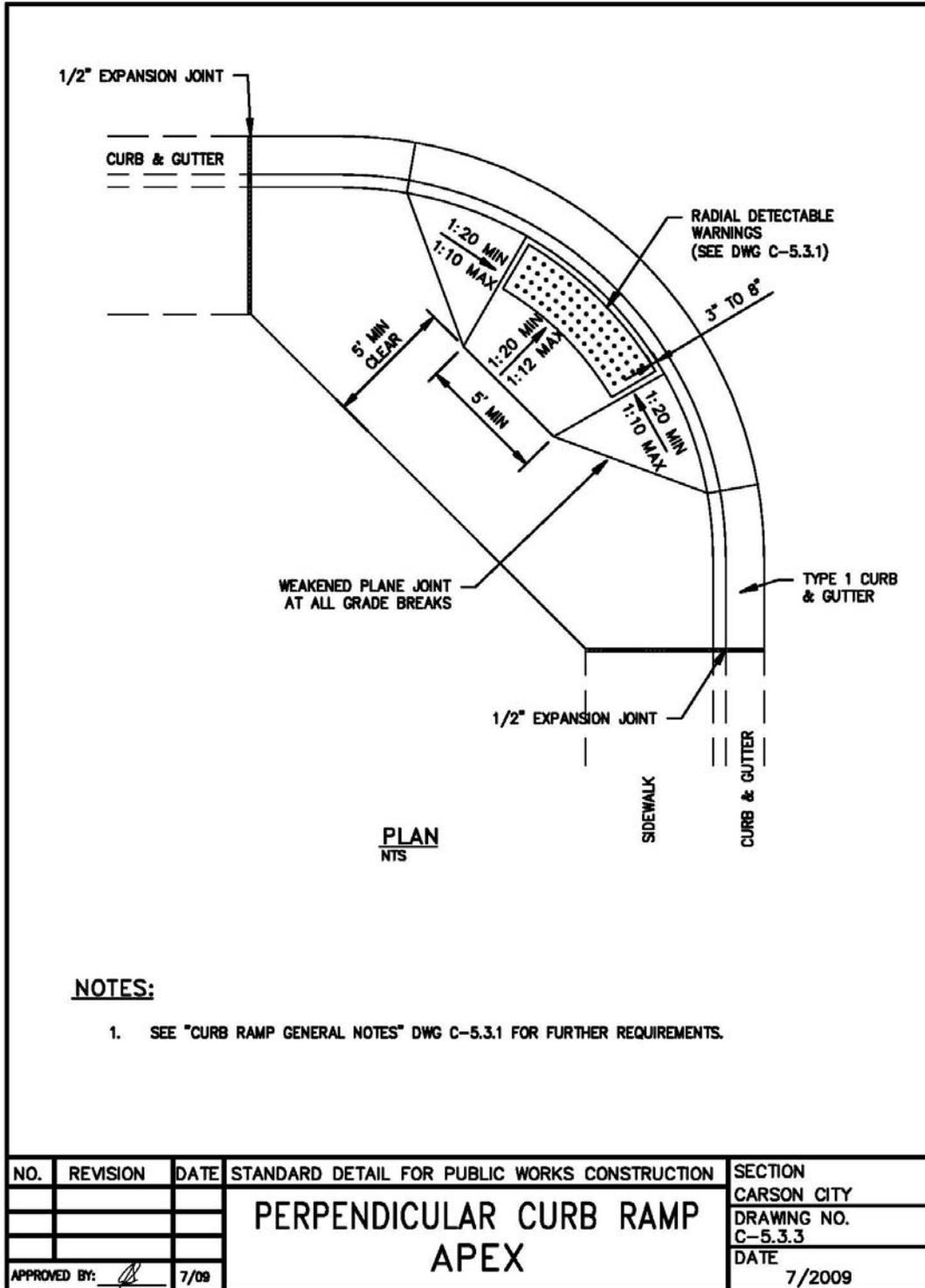
R20:

PLAN VIEW

Add the following note to landscape area at the corner of Beverly Drive and
Roop;

"GRADE AREA TO DRAIN AWAY FROM BUILDING"

R27:
 DETAIL C-5.3.3
 Replace with the following:



R30: TEMPORARY UTILITY TRENCH, DRIVEWAY AND STREET PAVEMENT PATCH
detail:
Replace note 3 with the following:
3. COLD MIX MAY BE USED FOR A PERIOD OF TIME NOT TO EXCEED
5 WORKING DAYS.

U1: NOTES:
Add note 13:
13. CONTRACTOR SHALL SUPPORT EXISTING UTILITY POLES,
VAULTS AND APPURTENANCES AS NECESSARY TO CONSTRUCT
THE WORK.

U7: CARSON CITY STREET LIGHT NOTES:
Replace note 1 with the following:
1. CONST NDOT No 3 ½ PULLBOX W/LID FOR FUTURE
STREET LIGHT. SEE DETAIL ON U3.
Replace note 2 with the following:
2. CONST NDOT TYPE 7 STEEL POLE W/ 15' MAST ARM NDOT
PILE FOUNDATION AND LED LUMINAIRE. SEE DETAILS ON
U3.
TRAFFIC SIGNAL NOTES:
Replace note 1 with the following:
1. CONST NDOT No 3 ½ PULLBOX W/LID. SEE DETAIL ON U3.

U8: CARSON CITY STREET LIGHT NOTES:
Replace note 1 with the following:
1. CONST NDOT No 5 PULLBOX W/LID. SEE DETAIL ON U3.
Replace note 2 with the following:
2. CONST NDOT TYPE 7 STEEL POLE W/ 15' MAST ARM NDOT
PILE FOUNDATION AND LED LUMINAIRE. SEE DETAILS ON
U3.
Replace note 4 with the following:
4. CONST NDOT No 3 ½ PULLBOX W/LID. SEE DETAIL ON U3.
TRAFFIC SIGNAL NOTES:
Replace note 1 with the following:
1. CONST NDOT No 3 ½ PULLBOX W/LID. SEE DETAIL ON U3.

U9: CARSON CITY STREET LIGHT NOTES:
Replace note 2 with the following:
2. CONST NDOT TYPE 7 STEEL POLE W/ 15' MAST ARM NDOT
PILE FOUNDATION AND LED LUMINAIRE. SEE DETAILS ON
U3.
Replace note 4 with the following:
4. CONST NDOT No 3 ½ PULLBOX W/LID. SEE DETAIL ON U3.
TRAFFIC SIGNAL NOTES:
Replace note 1 with the following:
1. CONST NDOT No 3 ½ PULLBOX W/LID. SEE DETAIL ON U3.

U10:

CARSON CITY STREET LIGHT NOTES:

Replace note 2 with the following:

2. CONST NDOT TYPE 7 STEEL POLE W/ 15' MAST ARM NDOT PILE FOUNDATION AND LED LUMINAIRE. SEE DETAILS ON U3.

Replace note 3 with the following:

3. CONST NDOT No 3 ½ PULLBOX W/LID. SEE DETAIL ON U3.

TRAFFIC SIGNAL NOTES:

Replace note 1 with the following:

1. CONST NDOT No 3 ½ PULLBOX W/LID. SEE DETAIL ON U3.

SS1/SS2:

Some of the striping stationing is missing, it will be provided in the conformed set, without changing quantity of striping.

SIGNING & STRIPING NOTES

Replace note 8 with the following:

8. REFER TO PLAN SHEETS FOR SIGNING AND STRIPING FOR PARKING LOTS NOT SHOWN HEREON.

Replace note 10 with the following:

10. EXISTING STRIPING SHALL BE OBLITERATED BY GRINDING AND APPLICATION OF FOG COAT (NO DIRECT PAYMENT).

Replace note 11 with the following:

11. ALL STRIPING AND LEGENDS SHALL BE EPOXY PAINT.

SIGNING LEGEND

Replace the guide post note with the following:

YELLOW TYPE 3 REFLECTORS W/FLEXIBLE GUIDE POST (TUBULAR) PER NDOT STD DWG R-9.1.1. ALL GUIDE POSTS SHALL BE BOLT DOWN.

PLAN VIEW:

ADD (2) NO PARKING SIGNS TO LEE STREET. ONE TO BE ON LEE AND THE OTHER TO BE AT END OF TURN AROUND AREA. Plan sheet to be modified with conformed set.

TS2:

POLE NOTES:

Replace note 6 with the following:

6. NEW BETA LED BRAND LUMINAIRES SHALL BE INSTALLED ON POLES A, B, C AND D. (CATOLOG #: STR-LWY-3M-HT-12-C-UL-SV-350).

Add note 11:

11. REMOVED POLES AND EQUIPMENT SHALL BE SALVAGED AND DELIVERED TO THE CARSON CITY SIGNAL YARD.

GENERAL NOTES:

Add note 5:

5. REFER TO STRIPING PLANS BY MANHARD CONSULTING FOR ALL LANE STRIPING, CROSSWALK, STOP BAR AND PAVEMENT MARKINGS.

TS3:

POLE NOTES:

Replace note 6 with the following:

6. NEW BETA LED BRAND LUMINAIRES SHALL BE INSTALLED ON POLES A, B, C AND D. (CATOLOG #: STR-LWY-3M-HT-12-C-UL-SV-350).

ELECTRICAL SERVICE NOTES:

Replace note 1 with the following:

1. THE NEW UNDERGROUND ELECTRICAL SERVICE PEDESTAL SHALL BE A TESCO MODEL NO. 26-000, 100 AMP, 120/240 VOLT, SINGLE PHASE 3 WIRE PEDESTAL PER TESCO DRAWING #CARSON-01.

T1:

GENERAL STAGING NOTES:

Replace note 14 with the following:

NORMAL WORK HOURS SHALL CONFORM TO FOLLOWING IDENTIFIED TIMES IN ACCORDANCE WITH GC 7.3.5 AS MODIFIED BY THE SPECIAL CONDITIONS:

A. North of William Street and Roop Street Intersection: Seven (7:00) AM to Seven (7:00) PM, Monday through Friday.

B. Within the William Street and Roop Street Intersection to ends of curb returns on Roop Street:

Sunday 9:00 pm to Monday 5:30 am
Monday 9:00 pm to Tuesday 5:30 am
Tuesday 9:00 pm to Wednesday 5:30 am
Wednesday 9:00 pm to Thursday 5:30 am
Thursday 9:00 pm to Friday 5:30 am

C. South of the William Street and Roop Street Intersection: Seven (7:00) AM to Seven (7:00) PM, Monday through Friday.

No Work shall be performed within the William Street and Roop Street Intersection the day before, during, and the day after legal holidays and special events as designated by NDOT.

Add note 19:

19. A MAXIMUM DELAY TO TRAFFIC IS 10 MINUTES IN ALL AREAS OF THE PROJECT.

T3:

STAGE 1 NOTES:

Replace note 3 with the following:

3. AT THE COMPLETION OF STAGE 1B WORK PERFORMED BY CONTRACTOR, STAGE 1B WORK AREAS WILL BE TURNED OVER TO PRIVATE UTILITY COMPANIES FOR THEIR UNDERGROUND WORK AS DESCRIBED IN THE CONTRACT DOCUMENTS. AFTER TURNING AREA OVER TO PRIVATE UTILITY COMPANIES, CONTRACTOR SHALL NOT PERFORM ANY WORK WITHIN STAGE 1B OTHER THAN THE REQUIRED TRAFFIC CONTROL INCLUDING MAINTENANCE OF ALL TTC DEVICES UNTIL THE NOTICE TO PROCEED IS ISSUED FOR STAGE 3 WORK. SEE NOTE 6 HEREON.

L1-L9:

General:

For clarification the following items will be updated on the conformed set of plans:

1. Sheets show irrigation conduit to be placed per civil drawings, the conduits were installed under a previous project and generally were installed per plan.
2. Reclaimed water vault relocation was also done under previous project; refer to R sheets for all underground work to be completed with respect to utilities.
3. Boulders and landscape rock walls are to be installed by contractor, not city forces. See SP 2.3.29 and SP 2.3.30 for bid item descriptions.
4. All irrigation work shown on the landscaping plans are paid for by lump sum. The force account bid item is only for irrigation improvements not shown on the plans.