Dry Canyon Creek (DCC) – Notes/Assumptions
DC – 01 Stabilize headcut – private property – Located behind 23251 Mulholland, professional office Bldg. ± 75-100 l.f. of bank failure immediately downstream of concrete channel section. Bank height ± 6 – 8'– very shady, with large mature oaks. Lay bank back, with willow rock toe, coir upper bank, Level 2 bank construction 75 l.f. x $250/l.f. = $18,750 plus $2,000 for inspection is $20,750. O&M costs – coir restaking and plant maintenance – allow $3,000. Low priority.
DC –02 – Stabilize banks - private property– ± 150 l.f. of intermittent/ localized bank failure behind private homes on Mulholland backing up to LDS Church parcel. Bank height 6-8 feet, very shady, willows, sycamores, oaks, standing water. Lay bank slopes back and install rock toe – level 2 costs 150 l.f. @ $250 = $37,500, $5,000 O&M. – Construct DC1 & DC-01 & DC - 02 as 1 project projects DC-1, 2 in City of Woodland Hills, not City of Calabasas.
DC-07 – Stabilize banks and channel – City of Calabasas channel. Local bank failure problem upstream of Park Ora Rd. 50 ft. level 3 – channel has concrete crib wall on east side, above Park Oro Rd., natural channel bank west side – 50 ft. level 3 at $300/ft = $15,000. Inspection allow $2,000 for total design and construction cost of $17,000. City responsibility as some City maintenance crew doing willow clearing – allow $5,000 O&M –
DC- 9 – Reduce flow velocity City of Calabasas Channel Some evidence of high velocity and channel downcutting. Add planted rock channel boulders and drop structure. 80 l.f. + 30 l.f. = 110 l.f. x5' of rock depth = 550 cubic feet of rock. 20.3 cu yds. X 15% expansion = 23 cu. Yds x 2.5 tons/cubic yd. = 60 tons rock, planted at $120/ton = $7,200.00 Allow $3,000 field design/inspection for total $10,200.
DC-10a – Fish passage barrier –Grouted bottom and high velocity barrier at Vicosa Drive, above Park Ora – Wrencrest Dr. – Private bridge crossing. Remove grouted structure and construct series of step pools, fix failing apron base culvert – allow $10,000 for rock work, work on culvert & apron plus 3 drop structures/ rock weirs/ step pools @ $5,000 = $15,000 = $25,000. Allow $5,000 for inspection and field direction. Total $30,000
DC-10B – Remove fish passage barrier – Mtn. Restoration Trust- Allow $20,000 for design and inspection of minor barrier.
DCC – 11 – Stabilize headcut – Did not clearly see channel failure, channel fairly small in this area. Failure appears to be 50 feet in length. So assume 50 l.f. of Level 2 bank restoration @ $250/l.f. = $12,500. $12,500 + $1,500 field inspection = $14,000 total. Planted rock toe. O&M – Site maintenance = $5,000/year – 3 years = $15,000
DC12 – Redesign culverted crossing – Private, non-profit Mountain Restoration Trust property at headwaters corner. 'Partially collapsed 54"? CMP culvert, protected by stacked concrete slabs, partial flow blockage. Replace with 10' wide x 30' pre-fabricated steel bridge. Typical bridge, including abutments, and installation is $1,000/ft. so $30,000 - allow $2,500 inspection. Total $32,500.

DC-18 – Remove concrete channel segments and restore wetlands — This is private channel behind Equestrian Facility at 23200 Mulholland Rd. Several small bridges cross creek in this area. The channel has been straightened and partially lined with loose rock walls, rock slope, and in some areas. Channel is about 500-600' long, with about 15-20% hardened or about 160 feet. Total hard structures. Channel side slopes poorly vegetated/shaded. Work would involve breaking up grouted rock areas and installing pvc pipe container openings/or joint planting willows, planting willow stakes in and around rock, and adding coir fiber rolls. Most of the work could be done by a CCC crew. Work would take 1 crew week or 5 crew days. A crew day is about $2,000, so $10,000, plus equipment rental and materials of $5,000. Allow $15,000 plus $3,000 for field engineering and inspection = $18,000. Allow $2,000/yr x 2 yrs. for O&M = $4,000.
DC – 20 Monitor channel for further incision –Mtn. Restoration Trust & City/State Parks land – some field evidence of incision, complete topographic bed profile and cross-section survey – 150' transect spacings-digital photos, compare to old records - $8,000 survey effort, including periodic surveys at cross sections. - $5,000 O&M.for resurvey.
DC – 21 – Remove concrete bottom - ± 200 l.f. of concrete grouted channel within Viewpoint Primary School Tough job – high risk of flooding and channel incision if concrete is removed. Questionable Feasibility – would need to convince school a stable channel can be built, and do work over summer. 200 l.f. x $300/l.f. = $60,000. Plus 4 days obserbation at $1500/day = $6,000 for total of $66,000. Probably replace concrete with open cell planting blocks, and add flood wall at top of bank. High design, communication, and permitting costs.
DC-22 – Stabilize headcut – private property, but City probably has maintenance easement. Low priority, heavily wooded section w/very poor construction access – did not see site, saw eroded area w/ binoculars from Mulholland Drive. Because of poor construction access, try to stabilize headcut w/fiber rolls and willow cutting. Assume 200 l.f. of 2 fiber rolls @ = 400 l.f. at $40/l.f. = $16,000 plus $3,000 observation = $19,000.
DC – 23 – Revegetate exposed soils –probably private property, but City may have flood control maintenance easement. Small area of base soil on channel upper bank – dry site plant xeric plants and re-seed, straw or coir wattles Allow $8,000 – This area low priority, instability probably associated with head of canyon fill – opposite Oakridge Terrace